EOG Resources, Inc. P.O. 1910 Vernal, UT 84078

November 23, 2005

Utah Division of Oil, Gas, & Mining 1594 West North Temple, Suite 1210 P.O. Box 145801 Salt Lake City, UT 84114-5801

RE: APPLICATION FOR PERMIT TO DRILL CHAPITA WELLS UNIT 690-34 SW/SE, SEC. 34, T9S, R23E UINTAH COUNTY, UTAH LEASE NO.: U-37943 FEDERAL LANDS

Enclosed please find a copy of the Application for Permit to Drill and associated attachments for the referenced well.

Please address further communication regarding this matter (including approval) to:

Ed Trotter P.O. Box 1910 Vernal, UT 84078 Phone: (435)789-4120

Fax: (435)789-1420

Sincerely,

Ed Trotter Agent

EOG Resources, Inc.

Attachments

RECEIVED
DEC 0 2 2005

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires March 31, 200

Lease Serial N	Vо.	
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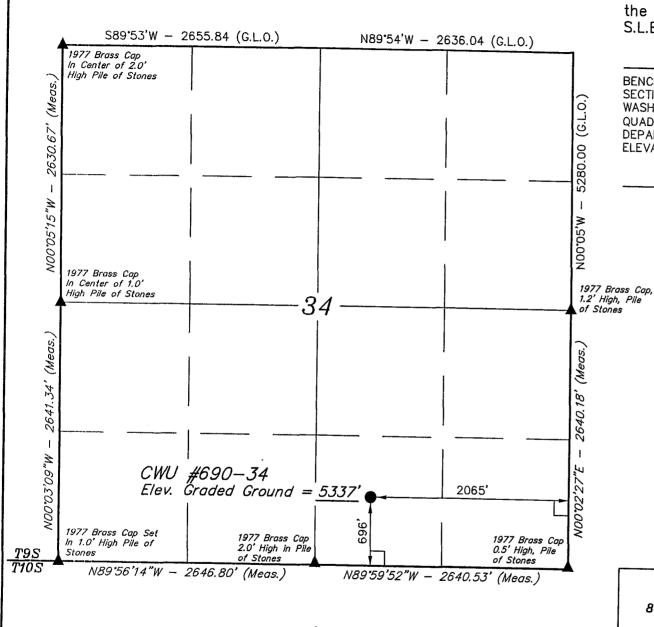
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APPLICATION FOR PERMIT TO DRILL OR REENTER

| 6. If Indian, Allottee or Tribe Name

la. Type of Work: X DRILL	REENTER	7. 1	f Unit or CA Agree	ement, Name and No. VELLS UNIT
1b. Type of Well: Oil Well X Gas Well O	her Single Zone X Multiple Zone		Lease Name and WAPITA WEL	ell No. LS UNIT 690-34
2. Name of Operator		9. A	PI Well No.	
EOG RESOURCES, INC.			43.047	37459
3a. Address P.O. BOX 1815 VERNAL, UT 84078	3b. Phone No. (Include area code) (435)789-0790		ld and Pool, or Exp	ploratory
4. Location of Well (Report location clearly and in accord	ance with any State requirements *1	111 00	., T., R., M., or BI	k. and Survey or Area
At surface 696' FSL, 2065' FEL 4	44245X SW/SE	フ		
At proposed prod. Zone	427491 SWISE	S	EC. 34, T9S,	
	101.510311	•	S.L.B.&M	[.
14. Distance in miles and direction from nearest town or po	st office*	12. Cot	enty or Parish	13. State
24 MILES SOUTHEAST OF OUR 15. Distance from proposed*	AY, UTAH	UIN'	ГАН	UTAH
location to nearest	16. No. of Acres in lease	17. Spacing	Unit dedicated to	this well
property or lease line, ft. (Also to nearest drig. Unit line, if any)	600			
18. Distance from proposed location*	10.0			
to nearest well, drilling, completed	19. Proposed Depth	ľ	A Bond No. on file	
applied for, on this lease, ft. See Topo Map C	6685'	NM	-2308	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5337.3 FEET GRADED GROUND	22. Approximate date work will start*		23. Esti mated d	
GRADED GROUND	UPON APPROVAL 24. Attachments		45 DAY	'S
Attachments				
The following, completed in accordance with the requir	ements of Onshore Oil and Gas Order No. 1, sl	hall be attached	to this form:	
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Fo SUPO shall be filed with the appropriate Forest Serv 	4. Bond to cover the (see Item 20 abo	operations unle ove). on. ific information	ss covered by an ex	
25. Signature	Name (Printed/Typed)			
Le (1) atte	Ed Trotter			vember 23, 2005
Title Agent				
Approved by (Signature)	Name (Printed/Typed)			
R.O.M.	BRADLEY G. HILL	•	Date	
Title	ENVIRONMENTAL SCIENTIST Office	LIII	12-	-05-05
\mathcal{M}	office .			
Application approval does not warrant or certify that the applic conduct operations thereon. Conditions of Approval, if any, are attached.	cant holds legal or equitable title to those rights	in the subject le	ase which would e	ntitle the applicant to
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212 United States any false, fictitious or fraudulent statements or re	2, make it a crime for any person knowingly and	d willful yito ma	ike to and departme	ent or agency of the
	presentations as to any matter within its jurisdi	ction.		or mo

T9S, R23E, S.L.B.&M.



LEGEND:

= 90' SYMBOL

= PROPOSED WELL HEAD.

= SECTION CORNERS LOCATED.

(NAD 83) LATITUDE = 39'59'13.61" (39.987114) LONGITUDE = 109'18'39.58" (109.310994) (NAD 27) LATITUDE = 39'59'13.73" (39.987147) LONGITUDE = 109'18'37.14" (109.310317)

EOG RESOURCES, INC.

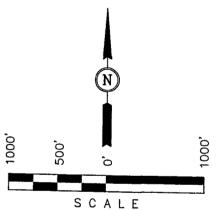
Well location, CWU #690-34, located as shown in the SW 1/4 SE 1/4 of Section 34, T9S, R23E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

BENCHMARK 58 EAM (1965) LOCATED IN THE NE 1/4 OF SECTION 30, T9S, R23E, S.L.B.&M. TAKEN FROM THE RED WASH SE, QUADRANGLE, UTAH, UINTAH COUNTY 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5132 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE FLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ABOVE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELLEF

REGISTERED LAND SURVEYOR REGISTRATION NO. 161319 STATE OF UTAH) F

UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017

	, 1011	
SCALE 1" = 1000'	DATE SURVEYED: 7-8-05	DATE DRAWN: 7-11-05
PARTY G.S. T.B. K.G.	REFERENCES G.L.O. PLA	ΛT
WEATHER WARM	FILE EOG RESOUF	RCES. INC.

EIGHT POINT PLAN CHAPITA WELLS UNIT 690-34 SW/SE, SEC. 34, T9S, R23E, S.L.B.&M. UINTAH COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	DEPTH (KB)
Green River FM	1,373'
C-Zone	1,681'
Mahogany Oil Shale Bed	2,006'
Middle Carb Bed	2,729'
Castle Peak MBR	3,834'
Uteland Butte MBR	4,091'
Wasatch	4,196'
Chapita Wells	4,784'
Buck Canyon	5,522'
North Horn	6,079'
Island	6,356'

EST. TD: 6,685' or 200' \pm below Island Top

Anticipated BHP: 3,300 Psig

- 1. Fresh Waters may exist in the upper, approximately 1,000 ft \pm of the Green River Formation, with top at about 2,000 ft \pm .
- 2. Cement isolation is installed to surface of the well isolating all zones by cement.
- 3. PRESSURE CONTROL EQUIPMENT: Production Hole 3,000 Psig BOP Schematic Diagram attached.

4. **CASING PROGRAM:**

								ING FACTOR
		E INTERVAL	<u>SIZE</u>	<u>WEIGHT</u>	GRADE	THREAD	COLLAPS	E /BURST/ TENSILE
Surface	12-1/4"	$0' - 500' \text{KB} \pm$	9-5/8"	36.0#	J-55	STC		3520 Psi 394,000#
Production	n: 7-7/8"	$500' \pm -TD$	4-1/2"	11.6#	J-55	LTC		5350 Psi 162,000#
All casing will be new or inspected.								

5. Float Equipment:

Surface Hole Procedure (0 - 500' ± Below GL):

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1 - 5 - 10' above shoe, every collar for next 3 joints (4 total).

Production Hole Procedure (500' ± - TD):

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-½", 11.6#, J-55 or equivalent marker collars or short casing joints to be placed 1000' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. (15± total). Thread lock float shoe, top and bottom of float collar, and top of 2nd joint.

EIGHT POINT PLAN CHAPITA WELLS UNIT 690-34 SW/SE, SEC. 34, T9S, R23E, S.L.B.&M. UINTAH COUNTY, UTAH

6. **MUD PROGRAM:**

Surface Hole Procedure $(0 - 500' \pm below GL)$:

Air/air mist or aerated water

Production Hole Procedure (500' \pm - TD):

Anticipated mud weight 9.0 - 9.5 ppg depending on actual wellbore condition encountered while drilling.

 $500' \pm - TD$

A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

7. VARIANCE REQUESTS:

Reference: Onshore Oil and Gas Order No. 2 – Item E: Special Drilling Operations

EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. Due to reduce location excavation, the blooie line will be approximately 75' in length

8. EVALUATION PROGRAM:

Logs:

Mud log from base of surface casing to TD.

Cased-hole Logs:

Cased-hole logs will be run in lieu of open-hole logs consisting of the following:

Cement Bond / Casing Collar Locator and Pulsed Neutron

9. **CEMENT PROGRAM:**

Surface Hole Procedure (0-500' ± Below GL)

Lead:

275 sks. (100% excess volume) Class 'G' cement with 2% S1 (CaCl2) & 0.25 pps

D29 (cellophane flakes), mixed at 15.8 ppg, 1.16 ft³./sk., 4.95 gps water.

Top Out:

Top out with Class 'G' cement with 2% S1 (CaCl2) in mix water, 15.8 ppg, 1.16

ft³./sk., 4.95 gps via 1" tubing set at 25' if needed.

Install 6' x 4' cellar ring, drill rat and mouse holes with spud rig.

Note:

Cement volumes will be calculated to bring cement to surface.

EIGHT POINT PLAN CHAPITA WELLS UNIT 690-34 SW/SE, SEC. 34, T9S, R23E, S.L.B.&M. UINTAH COUNTY, UTAH

CEMENT PROGRAM (Continued):

Production Hole Procedure (500' ± to TD)

Lead: 258 sks: 35:65 Poz "G" w/4% D20 (Bentonite), 2% D174 (Extender), 0.2% D65

(Dispersant), 0.2% D46 (Antifoam), 0.75% D112 (Fluid Loss Additive), 0.200% D13 (Retarder), 0.25 pps D29 (cello flakes) mixed at 13.0 ppg, 1.75 ft³/sk., 9.19

gps water.

Tail: 520 sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13

(Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at

14.1 ppg, 1.28 ft³/sk., 5.9gps water.

Note:

The above number of sacks is based on gauge-hole calculation.

Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe. Tail volume to be calculated to bring cement to 400'± above top of Wasatch. Final Cement volumes will be based upon gauge-hole plus 45% excess.

10. ABNORMAL CONDITIONS:

Surface Hole (Surface - 500'±):

Lost circulation

Production Hole (500'± - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

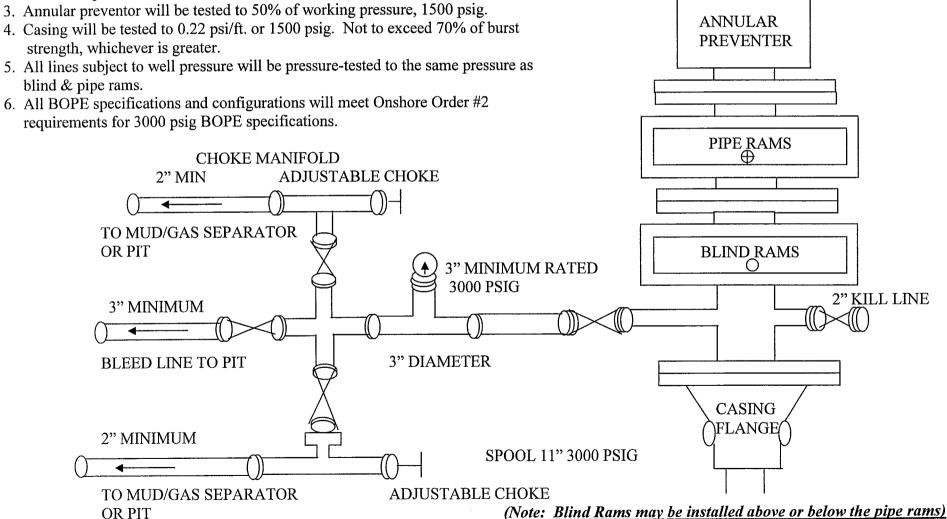
(Attachment: BOP Schematic Diagram)

3000 PSIG DIAGRAM

ANNULAR PREVENTOR AND BOTH RAMS ARE 3000 PSIG RATED. CASING FLANGE IS 11" 3000 PSIG RATED. BOPE 11" 3000 PSIG

TESTING PROCEDURE:

- 1. BOPE's will be tested with a professional tester to conform to Onshore Order #2 with retest every 14 days.
- 2. Blind & Pipe rams will be tested to rated working pressure, 3000 psig.
- 3. Annular preventor will be tested to 50% of working pressure, 1500 psig.
- 4. Casing will be tested to 0.22 psi/ft. or 1500 psig. Not to exceed 70% of burst strength, whichever is greater.
- blind & pipe rams.
- 6. All BOPE specifications and configurations will meet Onshore Order #2 requirements for 3000 psig BOPE specifications.



ROTATING HEAD

FLOW LINE

CONDITIONS OF APPROVAL FOR THE SURFACE USE PROGRAM OF THE APPLICATION FOR PERMIT TO DRILL

Company/Operator:

EOG Resources, Inc.

Well Name & Number: Chapita Wells Unit 690-34

Lease Number:

U-37943

Location:

696' FSL & 2065' FEL, SW/SE, Sec. 34,

T9S, R23E, S.L.B.&M., Uintah County, Utah

Surface Ownership:

Federal

NOTIFICATION REQUIREMENTS

Location Construction - forty-eight (48) hours prior to construction

of location and access roads.

Location Completion - prior to moving on the drilling rig.

Spud Notice:

- at least twenty-four (24) hours prior to

spudding the well.

Casing String and

Cementing

- twenty-four (24) hours prior to running

casing and cementing all casing strings.

BOP and related

Equipment Tests

- twenty-four (24) hours prior to running

casing and tests.

First Production

Notice

- within five (5) business days after new

Well begins or production resumes after Well has been off production for more

than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

THIRTEEN POINT SURFACE USE PROGRAM

1. EXISTING ROADS

- A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 24 miles southeast of Ouray, Utah See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary. No off lease Right-of-Way will be required.

2. PLANNED ACCESS ROAD

- A. The access road will be approximately 0.1 mile in length. See attached TOPO Map "B".
- B. The access road has a 30 foot ROW w/ 18 foot running surface.
- C. Maximum grade on access road will be 8%.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. Culverts will be installed in the access road as necessary. No bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface. The access road will be crowned, ditched and graveled.
- H. No gates, cattleguards, or fences will be required or encountered.

New or reconstructed roads will be centerlined - flagged at time of location staking.

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, drainage, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot Right-of-Way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossings nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by run off water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

3. <u>LOCATION OF EXISTING WELLS WITHIN A ONE MILE RADIUS OF PROPOSED WELL LOCATION</u>

A. Producing wells - 14*

(*See attached TOPO map "C" for location)

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

A. ON WELL PAD

- 1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, 300 Bbl vertical or 200 Bbl low profile, condensate tank, and attaching piping.
- 2. Gas gathering lines A 4" gathering line will be buried from dehy to the edge of the location.

B. OFF WELL PAD

- 1. Proposed location of attendant off pad flowlines shall be flagged prior to archaeological clearance.
- 2. Protective measures and devices for livestock and wildlife will be taken and/or installed where required.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a minimum, the entire contents of the largest tank within the facility/battery.

The production facilities will be placed on the Southwest side of the location.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

The required paint color is Carlsbad Canyon.

If at any time the facilities located on public land and authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change), BLM will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental or other financial obligation as determined by the authorized officer.

5. LOCATION & TYPE OF WATER SUPPLY

- A. Water supply will be from Ouray Municipal Water Plant at Ouray, Utah, and/or Target Trucking Inc.'s water source in the SW/SW, Sec. 35, T9S, R22E, Uintah County, Utah (State Water Right #49-1501). Produced water from the Chapita Wells and Stagecoach Units will also be used.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

6. SOURCE OF CONSTRUCTION MATERIAL

- A. All construction material for this location and access road will be of native borrow and soil accumulated during the construction of the location.
- B. All construction material will come from Federal Land.
- C. No mineral materials will be required.

7. METHODS OF HANDLING WASTE DISPOSAL

A. METHODS AND LOCATION

- 1. Cuttings will be confined in the reserve pit.
- 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
- 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.
- 4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following three locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).
- 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be

disposed of by either evaporating in the reserve pit or be removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

On BLM administered land:

The reserve pit will be constructed so as not to leak, break, or allow discharge. If the reserve pit requires padding prior to lining (due to rocky conditions) felt padding will be used.

The reserve pit shall be lined with felt and a 12 mill plastic liner.

8. ANCILLARY FACILITIES

A. No airstrips or camps are planned for this well.

9. WELLSITE LAYOUT

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.
- D. The approved seed mixture for this location is:

 Needle and Thread Grass 6 pounds per acre

 Hi-Crest Crested Wheat Grass 6 pounds per acre.

The final abandonment seed mixture for this location is:

Wyoming Big Sage – 3 pounds per acre Needle & Thread Grass – 3 pounds per acre Hi-Crest Crested Wheat Grass – 1 pound per acre Winter Fat – 1 pound per acre.

The reserve pit will be located on the Southwest corner of the location. The flare pit will be located downwind of the prevailing wind direction on the West side of the location, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

The stockpiled location topsoil will be stored between Corners #2 and #4. Upon completion of construction, the stockpiled topsoil from the location will be broadcast seeded with the approved seed mixture for this location and then walked down with a Caterpiller tractor.

Access to the well pad will be from the North.

Corners #2 & #6 will be rounded off to minimize excavation.

FENCING REQUIREMENTS:

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and, upon completion of construction, the fence shall be repaired to BLM or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is to be regularly traveled. If the well is a producer, the cattleguards (shall/shall not) be permanently mounted on concrete bases. Prior to crossing any fence located on Federal land, or any fence between Federal land and private land, the operator will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

10. PLANS FOR RESTORATION OF SURFACE

A. PRODUCING LOCATION

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The stockpiled pit topsoil will then be spread over the pit area and broadcast seeded with the prescribed seed mixture for this location. The seeded area will then be walked down with a cat.

B. <u>DRY HOLE/ABANDONED LOCATION</u>

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriate surface rehabilitation conditions of approval.

11. SURFACE OWNERSHIP

Access road: Federal Location: Federal

12. OTHER INFORMATION

- A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the AO. Within five working days the AO will inform the operator as to:
 - whether the materials appear eligible for the National Register of Historic Places;
 - the mitigation measures the operator will likely have to undertake before the site can be used.
 - a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable

facilities. A list of noxious weeds will be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.

- C. The drilling rig and ancillary equipment will be removed from the location prior to commencement of completion operations. Completion operations will be conducted utilizing a completion/workover rig.
- D. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)

Additional Surface Stipulations

The access road will be crowned, ditched, and graveled.

Culverts will be installed in the access road as needed.

LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION

PERMITTING AGENT

Ed Trotter P.O. Box 1910 Vernal, UT 84078

Telephone: (435)789-4120

Fax: (435)789-1420

DRILLING OPERATIONS

Donald Presenkowski EOG Resources, Inc.

P.O. Box 250

Big Piney, WY 83113

Telephone: (307)276-4865

All lease or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approval plan of operations, and any applicable Notice to Lessees. EOG Resources, Inc. is fully responsible for the actions of their subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

A copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions that presently exist; that the statements made in the Plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this Plan and the terms and conditions under which it is approved.

Please be advised that EOG Resources, Inc. is considered to be the operator of the Chapita Wells Unit 690-34 Well, located in the SW/SE of Section 34, T9S, R23E, Uintah County, Utah; Lease #U-37943; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is provided under Bond #NM 2308.

11-23-2005 Date

Agent

EOG RESOURCES, INC. CWU #690-34

SECTION 34, T9S, R23E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.3 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 12.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 4.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION INAPPROXIMATELY 1.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 1.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN RIGHT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTHEAST; FOLLOW ROAD A NORTHEASTERLY, THEN SOUTHERLY APPROXIMATELY 0.1 MILES TO THE CWU #878-34 AND THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY $55.0~\mathrm{MILES}.$

EOG RESOURCES, INC.

CWU #690-34 LOCATED IN UINTAH COUNTY, UTAH SECTION 34, T9S, R23E, S.L.B.&M.

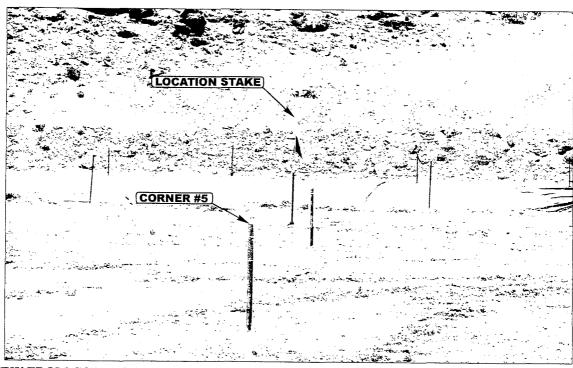


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY

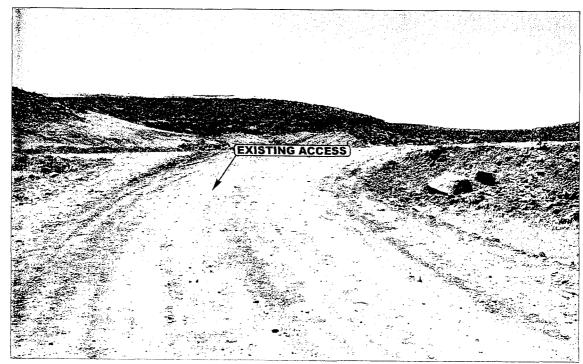


PHOTO: VIEW OF EXISTING ACCESS

CAMERA ANGLE: SOUTHEASTERLY

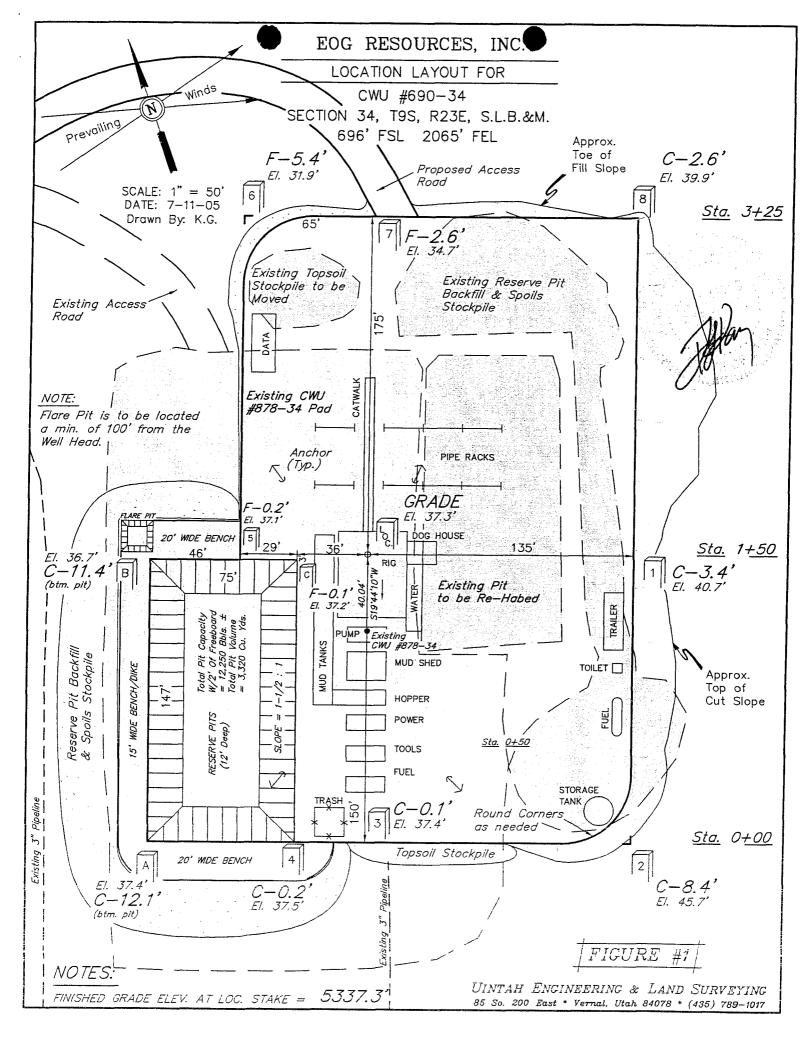


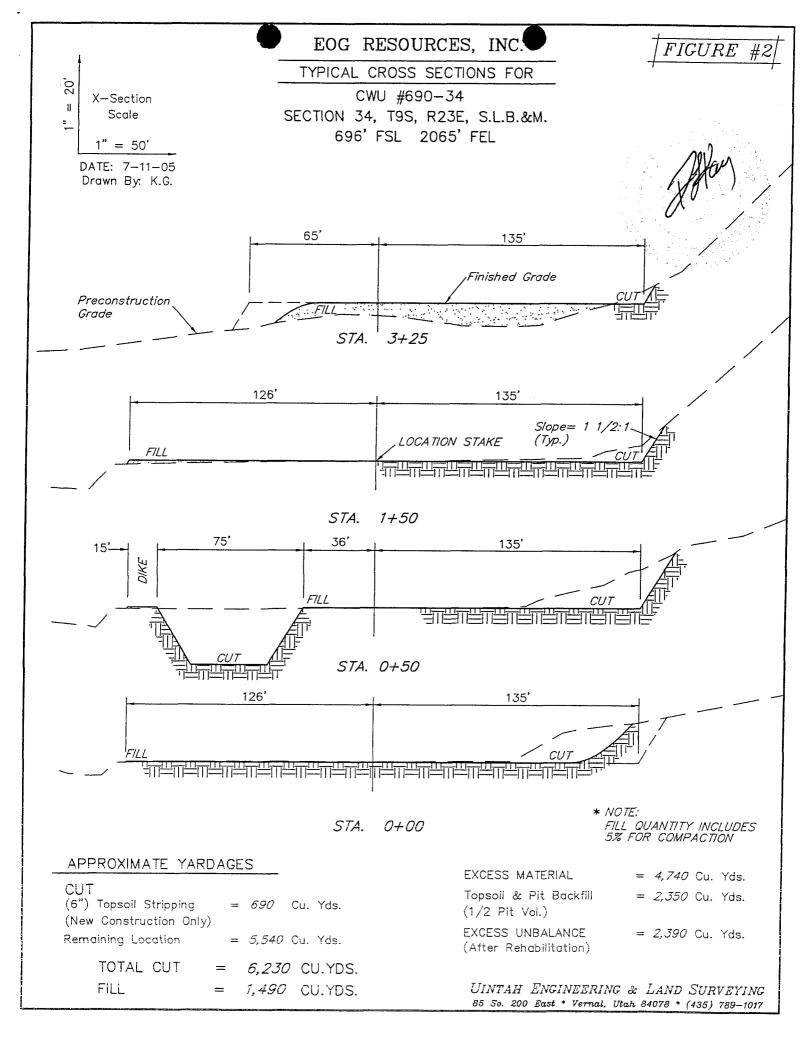
Uintah Engineering & Land Surveying

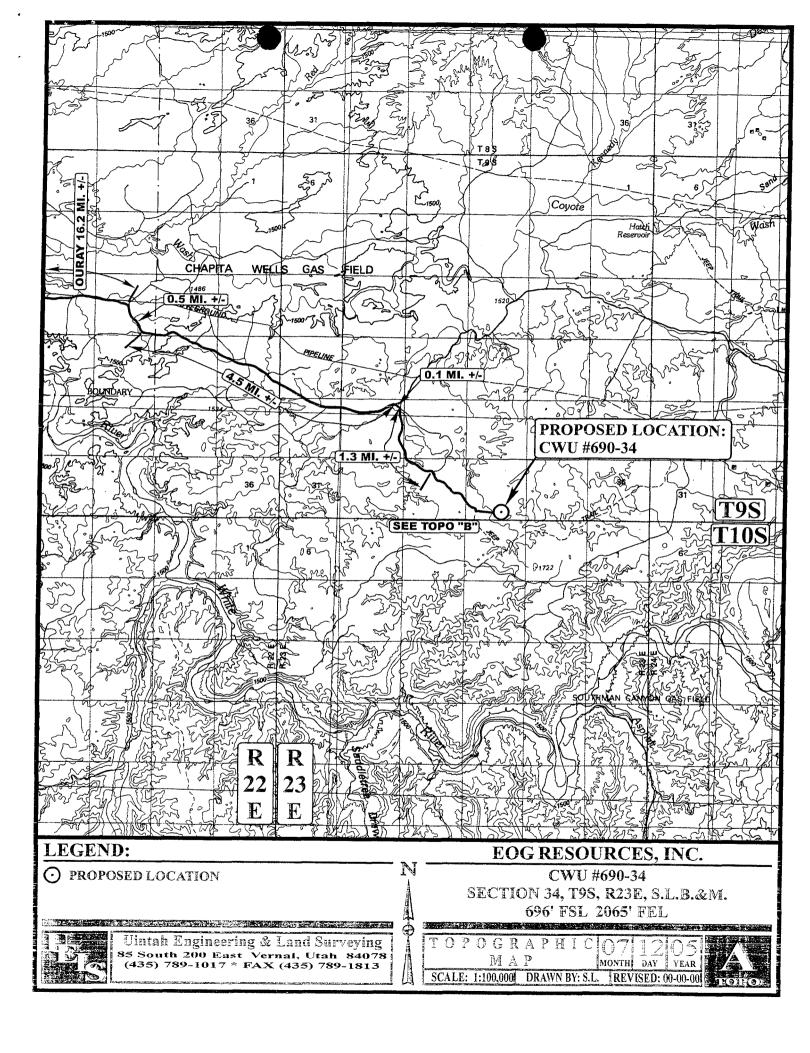
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

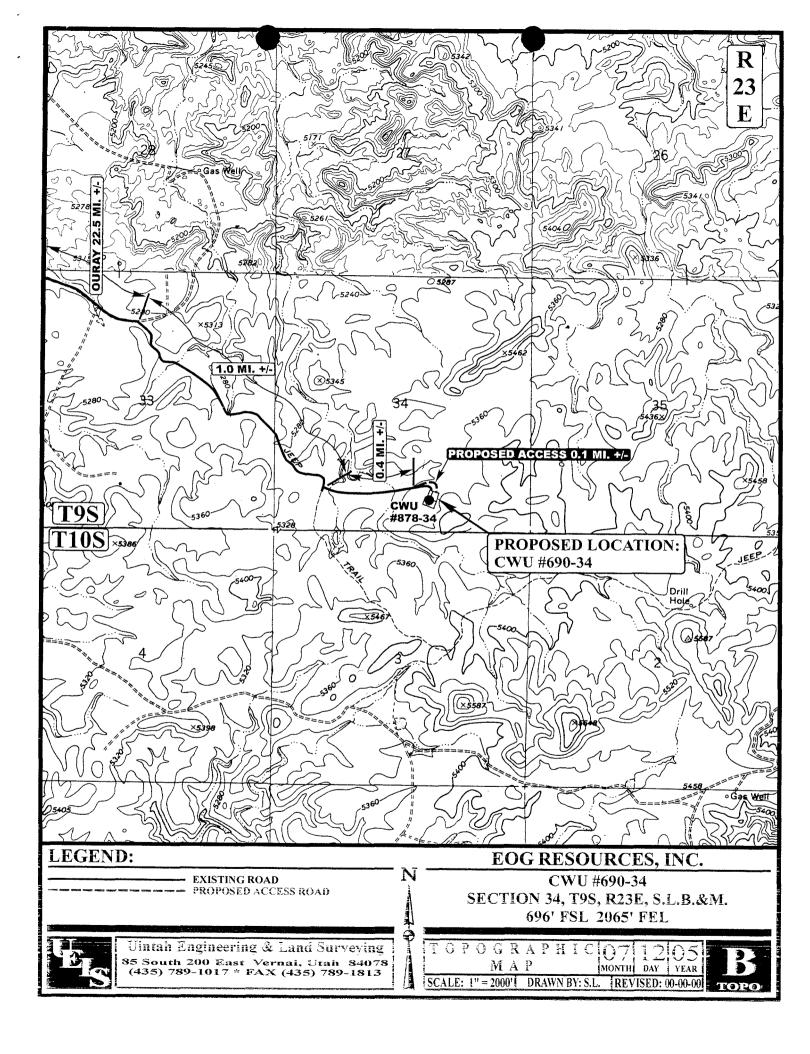
LOCATION PHOTOS O D D O S MONTH DAY YEAR TAKEN BY: T.B. | DRAWN BY: S.L. | REVISED: 00-00-00

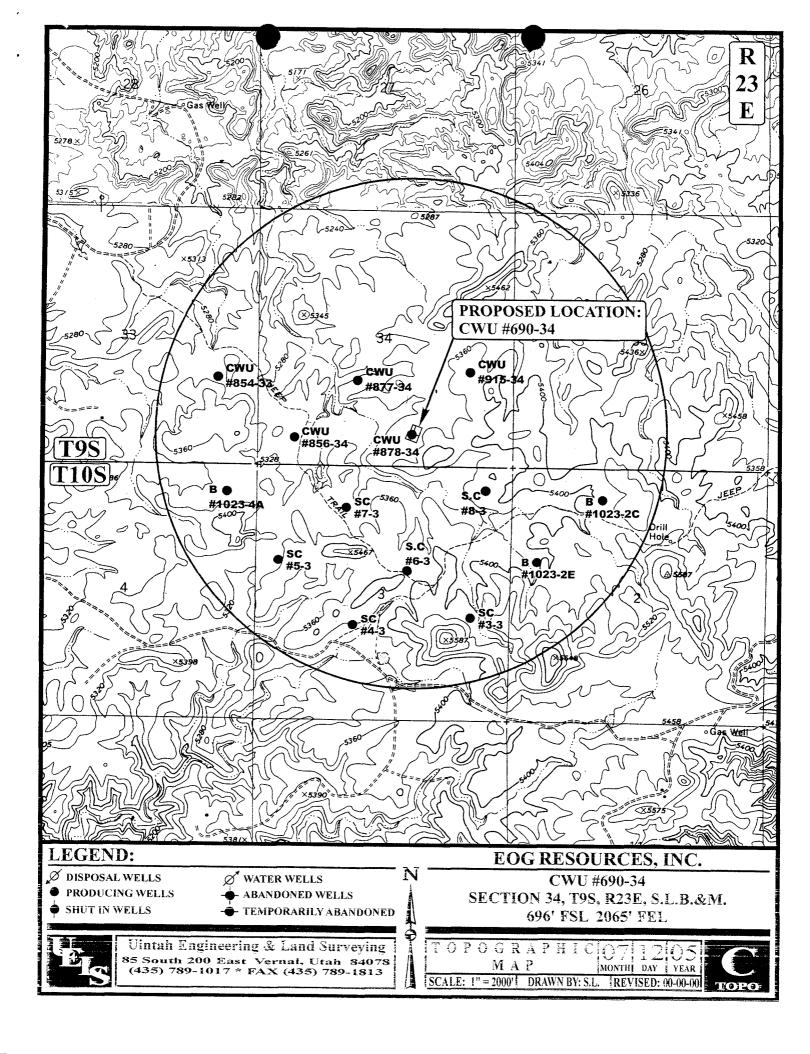
PHOTO





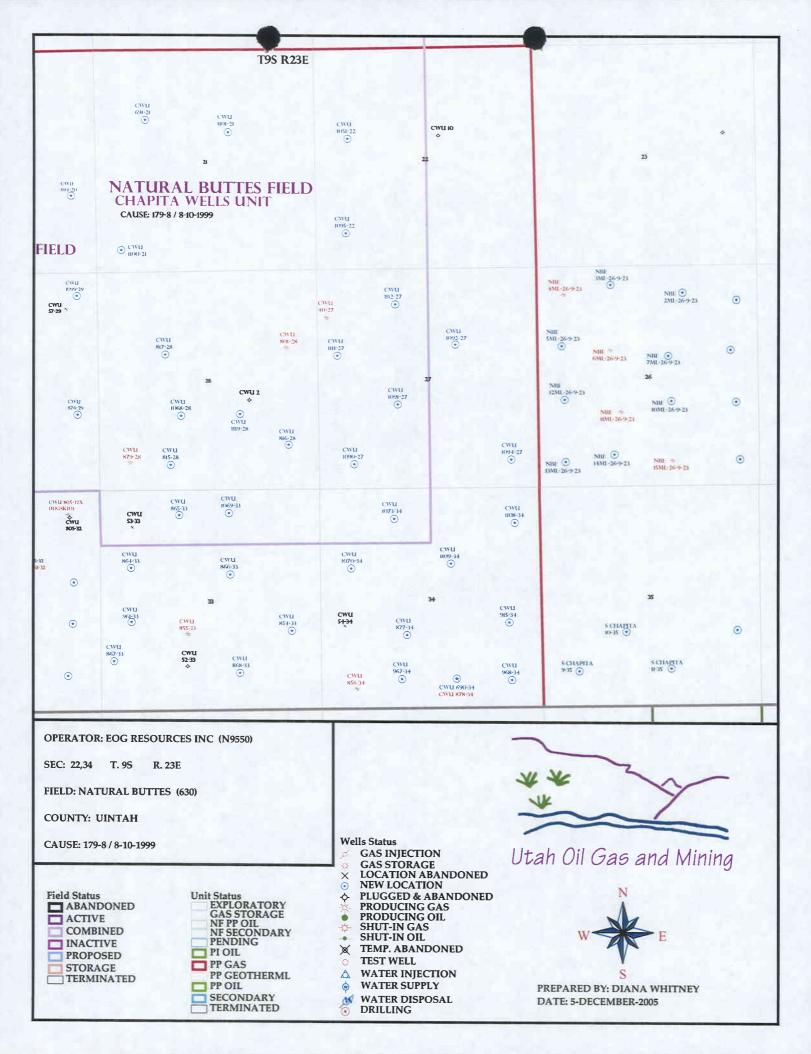






APD RECEIVED: 12/02/2005	API NO. ASSIGNED: 43-047-37459
WELL NAME: CWU 690-34 OPERATOR: EOG RESOURCES INC (N9550) CONTACT: ED TROTTER	PHONE NUMBER: 435-789-4120
PROPOSED LOCATION: SWSE 34 090S 230E	INSPECT LOCATN BY: / /
SURFACE: 0696 FSL 2065 FEL BOTTOM: 0696 FSL 2065 FEL	Tech Review Initials Date
UINTAH NATURAL BUTTES (630)	Engineering
LEASE TYPE: 1 - Federal	Geology Surface
LEASE NUMBER: U-37943 SURFACE OWNER: 1 - Federal PROPOSED FORMATION: NHORN COALBED METHANE WELL? NO	LATITUDE: 39.98717 LONGITUDE: -109.3103
Plat Bond: Fed[1] Ind[] Sta[] Fee[] (No. NM-2308) Potash (Y/N) N Oil Shale 190-5 (B) or 190-3 or 190-13 Water Permit (No. 49-1501) RDCC Review (Y/N) (Date:) ALM Fee Surf Agreement (Y/N) [NA Intent to Commingle (Y/N)	LOCATION AND SITING: R649-2-3. Unit CHAPITA WELLS R649-3-2. General Siting: 460 From Qtr/Qtr & 920' Between Wells R649-3-3. Exception Drilling Unit Board Cause No: / 20-8 Eff Date: / 10-99 Siting: Sudfund June (Siting) R649-3-11. Directional Drill
STIPULATIONS: 1- Color Opprive O	

(a)



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

December 5, 2005

Memorandum

To:

Assistant District Manager Minerals, Vernal District

From:

Michael Coulthard, Petroleum Engineer

Subject:

2005 Plan of Development Chapita Wells Unit Uintah

County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2005 within the Chapita Wells Unit, Uintah County, Utah.

API#

WELL NAME

LOCATION

(Proposed PZ North Horn)

43-047-37459 CWU 690-34 Sec 34 T09S R23E 0696 FSL 2065 FEL 43-047-37458 CWU 685-29 Sec 29 T09S R23E 0763 FSL 0587 FWL

(Proposed PZ Price River)

43-047-37452 CWU 1156-1 Sec 01 T09S R22E 0826 FSL 0664 FWL 43-047-37454 CWU 1057-13 Sec 13 T09S R22E 0723 FSL 0331 FWL 43-047-37455 CWU 1157-14 Sec 14 T09S R22E 2417 FNL 0509 FEL 43-047-37456 CWU 1136-19 Sec 19 T09S R23E 0649 FNL 0964 FEL 43-047-37457 CWU 1095-22 Sec 22 T09S R23E 0855 FSL 0741 FWL

(Proposed PZ Castlegate)

43-047-37453 CWU 3004-12GR Sec 12 T09S R22E 0823 FNL 1993 FEL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc:

File - Chapita Wells Unit
Division of Oil Gas and Mining

Central Files

Agr. Sec. Chron Fluid Chron



State of Utah

Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA Division Director JON M. HUNTSMAN, JR. Governor

GARY R. HERBERT Lieutenant Governor

December 5, 2005

EOG Resources, Inc. P O Box 1815 Vernal, UT 84078

Re: Chapita Wells Unit 690-34 Well, 696' FSL, 2065' FEL, SW SE, Sec. 34, T. 9 South, R. 23 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37459.

Sincerely,

Gil Hunt

Associate Director

pab Enclosures

cc: Uintah County Assessor

Bureau of Land Management, Vernal District Office

Operator:	EOG Resource	s, Inc.			
Well Name & Number	Chapita Wells Unit 690-34				
API Number:	43-047-37459				
Lease:	U-37943				
Location: SW SE	Sec. 34	T. <u>9 South</u>	R. 23 East		

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

Form 3160-3 (April 2004)

NOV 3 0 2005

FORM APPROVED OMB No. 1004-0137 Expires March 31, 2007

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

5. Lease Serial No.

U-37943

6. 4 If Indian, Allottee or Tribe Name

APPLICATION FOR PERM	MIT TO DRILL OR REENTE	ER		
la. Type of Work: X DRILL	REENTER		Agreement, Name and No.	
1b. Type of Well: Oil Well X Gas Well Oth	ner Single Zone X Multiple Zone	8. Lease Name ar CHAPITA W	d Well No. ELLS UNIT 690-34	
2. Name of Operator		9. API Well No.	The second residence of the second se	
EOG RESOURCES, INC.		43-047-	37459	
3a. Address P.O. BOX 1815 VERNAL, UT 84078	3b. Phone No. (Include area code) (435)789-0790	10. Field and Pool, o	r Exploratory L BUTTES	
4. Location of Well (Report location clearly and in accord	ance with any State requirements.*)	11. Sec., T., R., M.,	or Blk. and Survey or Area	
At surface 696' FSL, 2065' FEL At proposed prod. Zone	SW/SE	SEC. 34, T S.L.B.		
 Distance in miles and direction from nearest town or po MILES SOUTHEAST OF OUR 		12. County or Parish UINTAH	UTAH	
15. Distance from proposed*	16. No. of Acres in lease	17. Spacing Unit dedicat	ed to this well	
location to nearest property or lease line, ft. (Also to nearest drig. Unit line, if any)	600			
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. See Topo Map C	20. BLM/BIA Bond No. NM-2308	D. BLM/BIA Bond No. on file NM-2308		
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5337.3 FEET GRADED GROUND		23. Esti mated duration 45 DAYS		
	24. Attachments		·····	
Attachments The following, completed in accordance with the requi 1. Well plat certified by a registered surveyor. 2. A Drilling Plan. 3. A Surface Use Plan (if the location is on National F SUPO shall be filed with the appropriate Forest Ser	4. Bond to cover th (see Item 20 a Forest System Lands, the 5. Operator certification	e operations unless covered b	y an existing bond on file	
	by the authori		***************************************	
25. Signature	Name (Printed/Typed) Ed Trotter	RECEIVED	Date November 23, 2005	
Accepte Agent Utah D	ed by the ivision of	NOV 0 7 2006		
Approved by (Signature)	Name (Printed/Typed)	DIV. OF OIL, GAS & MIRTH	İG	
Su Karlin	JERRY KENCZKA		0-12-2006	
Title Assistant Field Manager	Office			
Lands & Mineral Resources	1			
Application approval does not warrant or certify that the appropriate of the conduct operations thereon. Conditions of Approval, if any, are attached.	plicant holds legal or equitable title to those right	hts in the subject lease which	would entitle the applicant to	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the

United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on page 2)

U006m



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE

VERNAL FIELD OFFICE VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: EOG Resources, Inc. Location: SWSE, Sec. 34, T9S, R23E

Well No: CWU 690-34 Lease No: UTU-37943

170 South 500 East

API No: 43-047-37459 Agreement: Chapita Wells Unit

Matt Baker Office: 435-781-4490 Cell: 435-828-4470 Petroleum Engineer: Office: 435-781-4432 Cell: 435-828-7875 Petroleum Engineer: Michael Lee Office: 435-781-4502 Cell: 435-828-3913 Supervisory Petroleum Technician: Jamie Sparger Paul Buhler **Environmental Scientist:** Office: 435-781-4475 Cell: 435-828-4029 **Environmental Scientist:** Karl Wright Office: 435-781-4484 Natural Resource Specialist: Holly Villa Office: 435-781-4404 Melissa Hawk Natural Resource Specialist: Office: 435-781-4476

Natural Resource Specialist: Scott Ackerman Office: 435-781-4437 **After Hours Contact Number: 435-781-4513** Fax: 435-781-4410

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.

NOTIFICATION REQUIREMENTS

Location Construction - Forty-Eight (48) hours prior to construction of location and access roads. (Notify Paul Buhler)

Location Completion - Prior to moving on the drilling rig. (Notify Paul Buhler)

Spud Notice - Twenty-Four (24) hours prior to spudding the well. (Notify Petroleum Engineer)

Casing String & Cementing - Twenty-Four (24) hours prior to running casing and cementing all casing (Notify Jamie Sparger) strings.

BOP & Related Equipment Tests - Twenty-Four (24) hours prior to initiating pressure tests. (Notify Jamie Sparger)

First Production Notice
(Notify Petroleum Engineer)

- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

COAs: Page 2 of 6 Well: CWU 690-34

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- 1. Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the respreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt. During interim management of the surface, use the following seed mix:
 - a. 9 lbs of Hycrest Crested Wheatgrass & 3 lbs of Kochia prostrate.
- 2. If paleontologic materials are uncovered during construction, the operator shall immediately stop work that might further disturb such materials and contact the Authorized Officer (AO). A determination will

COAs: Page 3 of 6 Well: CWU 690-34

DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- 1. Production casing cement shall be brought up and into the surface casing. The minimum cement top is 200 ft above the surface casing shoe. To reach the annulus of the surface casing and production casing, operator is required to pump additional cement beyond the stated amounts of sacks in application.
- 2. A cement Bond Log (CBL) shall be run from the production casing shoe to the surface casing shoe. A field copy of the CBL shall be submitted to the BLM Vernal Field Office.

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- 1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- 2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- 3. Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- 4. Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

5. All shows of fresh water and minerals shall be reported and protected. A sample shall be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.

COAs: Page 4 of 6 Well: CWU 690-34

6. No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.

7. Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

8. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.

COAs: Page 5 of 6 Well: CWU 690-34

9. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.

All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.

- 10. Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
- 11. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- 12. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - a. Operator name, address, and telephone number.
 - b. Well name and number.
 - c. Well location (1/41/4, Sec., Twn, Rng, and P.M.).
 - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
 - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - g. Unit agreement and / or participating area name and number, if applicable.
 - h. Communitization agreement number, if applicable.
- 13. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- 14. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be

COAs: Page 6 of 6 Well: CWU 690-34

reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production

- 15. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- 16. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

Form 3160-5 (February 2005)

UNITED STATES DEPARTMENT OF THE INTERIORBUREAU OF LAND MANAGEMENT

FORM APPROVED
OM B No. 1004-0137
Expires: March 31 2007

5.	Lease Serial No.	
	TT 05040	

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.						U-37943 6. If Indian, Allottee or Tribe Name			
1. Type of Well Gas Well Other						Chapita Wells Unit			
						8. Well Name and No. Chapita Wells Unit 690-34			
2. Name of Operator EOG Resources, Inc.						9. API Well No.			
3a Address 3b. Phone No. (include area code) 600 17th Street, Suite 1000N, Denver, CO 80202 303-824-5526						43-047-37459			
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)							nd Pool, or Exploratory al Buttes/Wasatch	Area	
696' FSL & 2065' FEL (SW/SE)						11. County or Parish, State			
Sec. 34-T9S-R23E 39.987114 LAT 109.310994 LON						Uintah County, Utah			
12. CHECK AF	PPROPRIATE BOX(ES) TO	INDICATE	NATUR	E OF NO	OTICE, RI	EPORT, O	R OTHER DATA		
TYPE OF SUBMISSION			TYI	PE OF AC	TION				
	Acidize	Deepen		Prod	uction (Star	t/Resume)	Water Shut-Off		
Notice of Intent	Alter Casing	Fracture Tr	eat	Recla	amation	Well Integrity			
Subsequent Report	Casing Repair	New Const			mplete		✓ Other Change	TD	
Final Abandonment Notice	Change Plans Convert to Injection	Plug and A Plug Back	bandon	don Temporarily Abandon Water Disposal					
Attach the Bond under which the following completion of the inv	ctionally or recomplete horizontall ne work will be performed or provi tolved operations. If the operation al Abandonment Notices must be for final inspection)	ide the Bond No results in a mult	on file viple comp	rith BLM/Bl letion or rec	IA. Require ompletion in	d subsequent a new interv	reports must be filed wiral, a Form 3160-4 must	thin 30 days be filed once	
·	ests permission to change the	TD on the refe	erenced	well:					
From: 6685'									
To: 6400'									
A revised drilling plan is a	ttached.	c	Appr Utah Dil, Ga	oved to Divisi as and	oy the on of Mining	3		ستندر	
		Date By:	9: <u> </u>	-15- rad	09		COPY: Dole: Initiols:	THE REM	
14. I hereby certify that the foregoname (Printed/Typed)	going is true and correct	1			71	7	· L	_	
,	Mary A. Maestas			Title Regulatory Assistant					
Signature Mary	a. Mayor		Date		11	1/09/2006			
	THIS SPACE FOR	FEDERAL	OR S	TATE C	FFICE	USE			
							_		
Approved by				itle			Date		
Conditions of approval, if any, are attached. Approval of this notice does not was certify that the applicant holds legal or equitable title to those rights in the subject which would entitle the applicant to conduct operations thereon.									
Title 18 U.S.C. Section 1001 and Title States any false, fictitious or fraudul	43 U.S.C. Section 1212, make it a	a crime for any as to any matter	person kr within it	owingly an s jurisdictio	d willfully to n.		ny department or agency		

(Instructions on page 2)

Federal Approval of this Action is Necessary

NOV 1 4 2006

CHAPITA WELL'S UNIT 690-34 SW/SE, SEC. 34, T9S, R23E, S.L.B.&M. UINTAH COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	DEPTH (KB)
Green River FM	1,368'
Mahogany Oil Shale Bed	2,001'
Uteland Butte MBR	4,086'
Wasatch	4,191'
Chapita Wells	4,779'
Buck Canyon	5,517'
North Horn	6,880'
Island	6,103'

EST. TD: $6,400^{\circ}$ or $200^{\circ} \pm \text{ below Island Top}$

Anticipated BHP: 3,160 Psig

- 1. Fresh Waters may exist in the upper, approximately 1,000 ft \pm of the Green River Formation, with top at about 2,000 ft \pm .
- 2. Cement isolation is installed to surface of the well isolating all zones by cement.
- 3. PRESSURE CONTROL EQUIPMENT: Production Hole 3,000 Psig BOP Schematic Diagram attached.

4. <u>CASING PROGRAM:</u>

							<u>KA1</u>	ING FACI	<u>IUK</u>
	HOLE SIZE	<u>INTERVAL</u>	<u>SIZE</u>	WEIGHT	GRADE	THREAD	COLLAPS	E /BURST/	TENSILE
Surface	12-1/4"	0'-500'KB±	9-5/8"	36.0#	J-55	STC	2020 Psi	3520 Psi	394,000#
Productio	n: 7-7/8"	$500' \pm - TD$	4-1/2"	11.6#	J-55	LTC	4960 Psi	5350 Psi	162,000#
All casing will be new or inspected.									

5. Float Equipment:

Surface Hole Procedure (0 - 500' ± Below GL):

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: $1 - 5 - 10^{\circ}$ above shoe, every collar for next 3 joints (4 total).

Production Hole Procedure (500' \pm - TD):

Float shoe, 1 joint casing, float collar and balance of casing to surface. $4-\frac{1}{2}$ ", 11.6#, J-55 or equivalent marker collars or short casing joints to be placed 1000' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. (15± total). Thread lock float shoe, top and bottom of float collar, and top of 2^{nd} joint.

CHADTA WELL'S UNIT 690-34 SW/SE, SEC. 34, T9S, R23E, S.L.B.&M. UINTAH COUNTY, UTAH

6. **MUD PROGRAM:**

Surface Hole Procedure $(0 - 500' \pm below GL)$:

Air/air mist or aerated water

Production Hole Procedure (500' \pm - TD):

Anticipated mud weight 9.0 - 9.5 ppg depending on actual wellbore condition encountered while drilling.

A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

7. <u>VARIANCE REQUESTS:</u>

Reference: Onshore Oil and Gas Order No. 2 – Item E: Special Drilling Operations

EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. Due to reduce location excavation, the blooie line will be approximately 75' in length

8. **EVALUATION PROGRAM:**

Logs: Mud log from base of surface casing to TD.

Cased-hole Logs: Cased-hole logs will be run in lieu of open-hole logs consisting of the following:

Cement Bond / Casing Collar Locator and Pulsed Neutron

CHAPITA WELLS UNIT 690-34 SW/SE, SEC. 34, T9S, R23E, S.L.B.&M. UINTAH COUNTY, UTAH

9. <u>CEMENT PROGRAM:</u>

Surface Hole Procedure (0-500' ± Below GL)

Lead: 275 sks. (100% excess volume) Class 'G' cement with 2% S1 (CaCl2) & 0.25 pps

D29 (cellophane flakes), mixed at 15.8 ppg, 1.16 ft³./sk., 4.95 gps water.

Top Out: Top out with Class 'G' cement with 2% S1 (CaCl2) in mix water, 15.8 ppg, 1.16

ft³./sk., 4.95 gps via 1" tubing set at 25' if needed.

Install 6' x 4' cellar ring, drill rat and mouse holes with spud rig.

Note: <u>Cement volumes will be calculated to bring cement to surface.</u>

Production Hole Procedure (500' \pm to TD)

Lead: 245 sks: 35:65 Poz "G" w/4% D20 (Bentonite), 2% D174 (Extender), 0.2% D65

(Dispersant), 0.2% D46 (Antifoam), 0.75% D112 (Fluid Loss Additive), 0.200% D13 (Retarder), 0.25 pps D29 (cello flakes) mixed at 13.0 ppg, 1.75 ft³/sk., 9.19

gps water.

Tail: 495 sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13

(Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at

14.1 ppg, 1.28 ft³/sk., 5.9gps water.

Note: The above number of sacks is based on gauge-hole calculation.

Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe. Tail volume to be calculated to bring cement to 400'± above top of Wasatch. Final Cement volumes will be based upon gauge-hole plus 45% excess.

10. ABNORMAL CONDITIONS:

Surface Hole (Surface - 500'±):

Lost circulation

Production Hole (500'± - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

CHAPITA WELLS UNIT 690-34 SW/SE, SEC. 34, T9S, R23E, S.L.B.&M. UINTAH COUNTY, UTAH

11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

12. <u>HAZARDOUS CHEMICALS:</u>

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)

STATE OF UTAH

	DEPARTMENT OF NATURAL RESCUI	RCES	
	DIVISION OF OIL, GAS AND MI	NING	5. LEASE DESIGNATION AND SERIAL NUMBER: U-37943
SUNDRY	NOTICES AND REPORTS	S ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill no drill horizontal la	ew wells, significantly deepen existing wells below cur terals. Use APPLICATION FOR PERMIT TO DRILL f	rrent bottom-hole depth, reenter plugged wells, or to form for such proposals.	7. UNIT OF CA AGREEMENT NAME: CHAPITA WELLS UNIT
TYPE OF WELL OIL WELL	☐ GAS WELL ☑ OTHER _		8. WELL NAME and NUMBER: CHAPITA WELLS UNIT 690-34
2. NAME OF OPERATOR: EOG RESOURCES, INC.			9. API NUMBER: 43-047-37459
3. ADDRESS OF OPERATOR: P.O. BOX 1815	, VERNAL STATE UT ZIP	PHONE NUMBER: (435) 789-0790	10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 696 FS	SL 2065 FEL 39.987114 LAT 109	9.310994 LON	COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RANG	ge, meridian: SWSE 34 9S 2	23E S.L.B. & M	STATE: UTAH
11. CHECK APPR	OPRIATE BOXES TO INDICAT	TE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
✓ NOTICE OF INTENT	ACIDIZE	DEEPEN	REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	L ALTER CASING	FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR	NEW CONSTRUCTION	TEMPORARILY ABANDON
•	CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	TUBING REPAIR
CURCEOUENT REPORT	CHANGE TUBING	PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME	PLUG BACK	WATER DISPOSAL
Date of work completion:	CHANGE WELL STATUS	PRODUCTION (START/RESUME)	WATER SHUT-OFF
	COMMINGLE PRODUCING FORMATIONS CONVERT WELL TYPE	RECLAMATION OF WELL SITE RECOMPLETE - DIFFERENT FORMATION	✓ OTHER: <u>APD EXTENSION</u> REQUEST
	CONVEKT WEEE TIPE	TRECOMPLETE - DIFFERENT FORMATION	
	·	Approved by the Utah Division of Oil, Gas and Mining Date: By:	
NAME (PLEASE PRINT) Kaylene R	Gardner	TITLE Regulatory Assist 5/30/2006	tant
(This space for State use only)			RECEIVED
			· · · · · · · · · · · · · · · · · · ·

DIV. OF OIL, GAS & MINING

NOV 2 2 2006

Application for Permit to Drill Request for Permit Extension Validation

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-047-37459 Well Name: CHAPITA WELLS UNIT 690-34 Location: 696 FSL 2065 FEL (SWSE), SECTION 34, T9S, R23E S.L.B.&M Company Permit Issued to: EOG RESOURCES, INC. Date Original Permit Issued: 12/5/2005
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.
Following is a checklist of some items related to the application, which should be verified.
If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes □ No □
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☑
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes□No☑
Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes□No ☑
Has the approved source of water for drilling changed? Yes□No☑
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑
ls bonding still in place, which covers this proposed well? Yes ☑No□
Signature Date
Title: SR. REGULATORY ASSISTANT
Representing: EOG RESOURCES, INC.

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UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010

BUREAU OF LAND MANAGEMENT SUNDRY NOTICES AND REPORTS ON	HF(;F		5. Lease Serial No.
SUNDRY NOTICES AND REPORTS ON V	WELLS	VE	UTU37943
not use this form for proposals to drill or to	re-enter an		

Do not use the abandoned we	is form for proposals to d II. Use form 3160-3 (APD)	rill or to re-enter an) for such proposable	2 5 2007	o. If Indian, Allottee or	Tribe Name
SUBMIT IN TRI	PLICATE - Other instructi	ions on reverse sid	NA 7	. If Unit or CA/Agree UTU63013X	ment, Name and/or No.
Type of Well			- ! Y !- ! !	B. Well Name and No.	
☐ Oil Well 🔀 Gas Well 🔲 Ott		AYLENE R GARDNER		CWU 690-34	
2. Name of Operator EOG RESOURCES INC	5	7. API Well No. 43-047-37459-0	00-X1		
3a. Address 1060 EAST HIGHWAY 40 VERNAL, UT 84078		3b. Phone No. (include area cod Ph: 435-781-9111	e) 1	0. Field and Pool, or I NATURAL BUT	
4. Location of Well (Footage, Sec., T.	, R., M., or Survey Description)		1	1. County or Parish, a	nd State
Sec 34 T9S R23E SWSE 696	FSL 2065FEL			UINTAH COUN	TY, UT
12. CHECK APPR	ROPRIATE BOX(ES) TO	INDICATE NATURE O	F NOTICE, REP	ORT, OR OTHE	R DATA
TYPE OF SUBMISSION		ТҮРЕ	OF ACTION		
Notice of Intent	☐ Acidize	Deepen	Production	(Start/Resume)	☐ Water Shut-Off
_	Alter Casing	Fracture Treat	☐ Reclamati	on	☐ Well Integrity
☐ Subsequent Report	Casing Repair	New Construction	Recomple	te	Other Change to Original A
Final Abandonment Notice	Change Plans	Plug and Abandon	Temporari	ily Abandon	Change to Original A PD
_	Convert to Injection	Plug Back	☐ Water Dis	posal	12
testing has been completed. Final Aba determined that the site is ready for fin EOG Resources, Inc. request extended for one year.	al inspection.) s the APD for the reference			-	
	#5 Electronic Submission For EOG R Committed to AFMSS for proce	· · · I	e Vernal n 09/25/2007 (07G)	(J5785SE)	
Name(Printed/Typed) KAYLENE	R GARDNER	Title LEAD	REGULATORY	ASSISTAINT	
Signature (Electronic S	Submission)	Date 09/25	5/2007		
	THIS SPACE FOR	R FEDERAL OR STAT	E OFFICE US		
Approved By Water 12	olu-	Retrol	eum Eng	gineer	осъщо 1 2007
Conditions of approval, if any, are attached certify that the applicant holds legal or equi which would entitle the applicant to conduct the applicant th	table title to those rights in the sub	warrant or ject lease Office			

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



CONDITIONS OF APPROVAL

EOG Resources Inc.

Notice of Intent APD Extension

Lease:

UTU-37943

Well:

CWU 690-34

Location:

SWSE Sec 34-T9S-R23E

An extension for the referenced APD is granted with the following conditions:

- 1. The extension and APD shall expire on 10/12/08
- 2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Matt Baker of this office at (435) 781-4490

STATE OF UTAH

	DEPARTMENT OF NATURAL RESOL	IDCES			, 5
Γ	5. LEAS	SE DESIGNATION AND SERIAL NUMBER:			
SUNDRY	NOTICES AND REPORT	TS ON WEL	LS	6. IF IN	DIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill ne	new wells, significantly deepen existing wells below on aterals. Use APPLICATION FOR PERMIT TO DRILI	current bottom-hole dep L form for such proposa	th, reenter piugged wells, or to		or CA AGREEMENT NAME: APITA WELLS UNIT
1. TYPE OF WELL OIL WELL	☐ GAS WELL ☑ OTHER				L NAME and NUMBER: NPITA WELLS UNIT 690-34
2. NAME OF OPERATOR:				1	NUMBER:
EOG RESOURCES, INC. 3. ADDRESS OF OPERATOR:			PHONE NUMBER:		147-37459 LD AND POOL, OR WILDCAT:
600 17th St., Suite 1000N CITY	y Denver STATE CO Z	_{3P} 80202	(303) 824-5526	1	ral Buttes/Wasatch
aliana da series (1900)	SL 2065 FEL 39.987114 LAT 10	09.310994 LO 23E S.L.B.		COUNT	y: Uintah
					UTAH
	ROPRIATE BOXES TO INDICA			RT, O	R OTHER DATA
TYPE OF SUBMISSION	TT ACIDITE		YPE OF ACTION		
NOTICE OF INTENT (Submit in Duplicate)	ACIDIZE ALTER CASING	DEEPEN	TOTAT	님	REPERFORATE CURRENT FORMATION
Approximate date work will start:	CASING REPAIR	FRACTURE	STRUCTION	片	SIDETRACK TO REPAIR WELL
.,	CHANGE TO PREVIOUS PLANS	OPERATOR		片	TEMPORARILY ABANDON TUBING REPAIR
	CHANGE TUBING	PLUG AND			VENT OR FLARE
SUBSEQUENT REPORT	CHANGE WELL NAME	PLUG BACI			WATER DISPOSAL
(Submit Original Form Only)	CHANGE WELL STATUS		ON (START/RESUME)	님	WATER SHUT-OFF
Date of work completion:	COMMINGLE PRODUCING FORMATIONS		TION OF WELL SITE		
	CONVERT WELL TYPE		ETE - DIFFERENT FORMATION	192_1	OTHER: APD EXTENSION REQUEST
12. DESCRIBE PROPOSED OR CO	OMPLETED OPERATIONS. Clearly show a			·	
EOG Hesources, Inc. resp	pectfully requests the APD for the	ne referenced	well be extended for	one ye	ear.
		_			
			ed by the		
		—	ivision of		
		OII, Gas	and Mining		
	1	Date:	06-0-1		
	•	Dil	DOMAIN .		
		By: Dros	U W W		
			M		
			111		
		·			
NAME (PLEASE PRINT) Mary A. M	Maestas	-	Regulatory Assis	stant	
The same is the same in the same in the same is the same in the sa	0 1	TITI			
SIGNATURE WAY	U. Maeya	DAT	11/6/2007		
- J					

(This space for State use only)

COPY SENT TO OPERATOR

DOTE: 1 - 9 - 0

Initials:

RECEIVED NOV 0 7 2007

DIV. OF OIL, GAS & MINING

Application for Permit to Drill Request for Permit Extension Validation

(this form should accompany the Sundry Notice requesting permit extension)

43-047-37459

API:

Well Name: CHAPITA WELLS UNIT 690-34 Location: 696 FSL 2065 FEL (SWSE), SECTION 34, T9S, R23E S.L.B.&M Company Permit Issued to: EOG RESOURCES, INC. Date Original Permit Issued: 12/5/2005
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.
Following is a checklist of some items related to the application, which should be verified.
f located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes□No□
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes⊟ No☑
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes□No☑
Have there been any changes to the access route including ownership, or right- of-way, which could affect the proposed location? Yes□No ☑
Has the approved source of water for drilling changed? Yes□No☑
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑
ls bonding still in place, which covers this proposed well? Yes ☑ No ☐
Signature Date
Title: REGULATORY ASSISTANT
Representing: EOG RESOURCES, INC.

RECEIVED
NOV 0 7 2007
DIV. OF OIL, GAS & MINING



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010

SUNDRY Do not use th abandoned we	Lease Serial No. UTU37943 If Indian, Allottee co.	or Tribe Name				
SUBMIT IN TRI		7. If Unit or CA/Agreement, Name and/or No. CHAPITA WELLS UNI				
1. Type of Well Gas Well Otl		8, Well Name and No. CHAPITA WELLS	UNIT 690-34			
2. Name of Operator EOG RESOURCES, INC.	ES.COM	9. API Well No. 43-047-37459				
3a. Address 1060 E. HWY 40 VERNAL, UT 84078	le)	10. Field and Pool, or NATURAL BUT	Exploratory TES			
4. Location of Well (Footage, Sec., T		11. County or Parish,	and State			
Sec 34 T9S R23E SWSE 696 39.98711 N Lat, 109.31099 W		UINTAH COUN	TY COUNTY, UT			
12. CHECK APPI	ROPRIATE BOX(ES) TO	INDICATE	NATURE OF	NOTICE, RE	PORT, OR OTHE	R DATA
TYPE OF SUBMISSION			ТҮРЕ С	OF ACTION		
Notice of Intent	☐ Acidize	Deep	oen	☐ Producti	on (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	🗖 Frac	ture Treat	☐ Reclama	tion	■ Well Integrity
☐ Subsequent Report	Casing Repair	☐ New	Construction	☐ Recompl	ete	Other
☐ Final Abandonment Notice	☐ ∫hange Plans		and Abandon	□ Tempora	rily Abandon	
13. Describe Proposed or Completed Ope If the proposal is to deepen directions	Convert to Injection	Plug		☐ Water D	-	
following completion of the involved testing has been completed. Final Ab determined that the site is ready for fit EOG Respectfully requests au A revised drilling plan is attach COPY SENT TO OPERATOR Date: 5 19 2008 Initials: KS	nandonment Notices shall be file inal inspection.) Ithorization to change the inal inspection	d only after all r	equirements, inolu	iding reclamation,	have been completed, ε	nd the operator has
14. Thereby county mar me to egoing is	Electronic Submission #6	0182 verified ESOURCES,	by the BLM We NC., sent to the	ell information 6 Vernal	System	
Name (Printed/Typed) KAYLENE	R GARDNER		Title LEAD	REGULATOR	Y ASSISTANT	
Signature (Electronic S	ubmission)		Date 05/08/2	2008	-	
	THIS SPACE FO	R FEDERA	L OR STATE	OFFICE US	E	
Approved By Conditions of approval, if any, are attached entity that the applicant holds legal or equivalent would entitle the applicant to conductive the applicant to c	itable title to those rights in the second	subject lease	QII Gas	and Minin	g Actio	Approval Of This on Is Necessary
Title 18 U.S.C. Section 1001 and Title 43 U States any false, fictitious or fraudulent s	U.S.C. Section 1212, make it a c tatements or representations as t	rime for any per o any matter wh	san knowingly and hin ita jurisdiction	d vinguly const	to any appartment or a	genoy of the United
		Bv			n n	CCIVED

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

MAY 0 9 2008

CHAPITA WELLS UNIT 690-34 SW/SE, SEC. 34, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	TVD-RKB (ft)	Objective	Lithology	
Green River	1,323		Shale	
Mahogany Oil Shale Bed	2,001		Shale	
Uteland Butte MBR	4,086		Limestone	
Wasatch	4,198	Primary	Sandstone	Gas
Chapita Wells	4,748	Primary	Sandstone	Gas
Buck Canyon	5,421	Primary	Sandstone	Gas
North Horn	5,889	Primary	Sandstone	Gas
KMV Price River	6,102		Sandstone	Gas
TD	6,300			and the same of th

Estimated TD: 6,300' or 200'± below TD

Anticipated BHP: 3,440 Psig

- 1. Fresh Waters may exist in the upper, approximately 1,000 ft \pm of the Green River Formation, with top at about 2,000 ft \pm .
- 2. Cement isolation is installed to surface of the well isolating all zones by cement.

3. PRESSURE CONTROL EQUIPMENT:

Production Hole - 5000 Psig

BOP schematic diagrams attached.

4. CASING PROGRAM:

CASING	<u>Hole</u> Size	<u>Length</u>	<u>Size</u>	WEIGHT	Grade	Thread	Rating Collapse	<u>Factor</u> Burst	<u>Tensile</u>
Conductor	17 1/2"	0 - 45'	13 %"	48.0#	H-40	STC	770 PSI	1730 PSI	322,000#
Surface	12 <u>¼</u> "	0' 2,300' KB±	9-%"	36.0#	J-55	STC	2020 PSI	3520 Psi	394,000#
Production	6-1/4"	Surface - TD	4-1/2"	11.6#	P-110	BTC	7560 PSI	10,690 Psi	279,000#

Note: $12-\frac{1}{4}$ " surface hole will be drilled to a total depth of $200^{\circ}\pm$ below the base of the Green River lost circulation zone and cased w/9-\(^{\sigma}\)" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone.

All casing will be new or inspected.

CHAPITA WELLS UNIT 690-34 SW/SE, SEC. 34, T9S, R23E, S.L.B.&M... UINTAH COUNTY, UTAH

5. Float Equipment:

Surface Hole Procedure (0'- 2300'±)

Guide Shoe Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5th joint to surface. (15 total)

Production Hole Procedure (2300'± - TD):

Bit, Cross-over sub with float, IB stabilizer, Casing pup jt., IB Stabilizer, 1 joint casing, and balance of casing to surface. All casing will be 4-½", 11.6#, P-110, Buttress and Grant Prideco DWC couplings, with a marker jt. 400' above top of Wasatch. Composite-coated, positive stand-off centralizers will be utilized on the bottom 20 jts. The casing will be rotated via a top-drive system to drill the hole. A cement plug will be landed on the float above the bit.

6. MUD PROGRAM

Surface Hole Procedure (Surface - 2300'±):

Air/air mist or aerated water.

Production Hole Procedure (2300'± - TD):

Anticipated mud weight 9.5 – 10.5 ppg depending on actual wellbore conditions encountered while drilling.

A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

CHAPITA WELLS UNIT 690-34 SW/SE, SEC. 34, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

7. VARIANCE REQUESTS:

Reference: Onshore Oil and Gas Order No. 1

Onshore Oil and Gas Order No. 2 – Section E: Special Drilling Operations

- o EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line to be 100' in length. (Where possible, a straight run blooie line will be used).
- o EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be approximately 75' in length.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring dedusting equipment. Dust during air drilling operations is controlled by water mist..
- o EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring an automatic igniter or continuous pilot light on the blooie line. (Not required on aerated water system).
- o EOG Resources, Inc. requests a variance that compressors are located in the opposite direction from the blooie line a minimum of 100 feet from the well bore. (Air Compressors are rig mounted).

8. EVALUATION PROGRAM:

Logs:

Gas shows.

Cased-hole Logs:

Cased-hole logs will be run in lieu of open-hole logs consisting of the following: Cement

Bond / Casing Collar Locator and Pulsed Neutron

CHAPITA WELLS UNIT 690-34 SW/SE, SEC. 34, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

9. CEMENT PROGRAM:

Surface Hole Procedure (Surface - 2300'±):

Lead:

185 sks

Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCl₂, 3 lb/sx

GR3 ¼ #/sx Flocele mixed at 11 ppg, 3.82 ft³/sk, yield, 23 gps water.

Tail:

207 sks

Class "G" cement with 2% CaCl₂, 1/4#/sk Flocele mixed at 15.6 ppg, 1.18 ft³/sk., 5.2 gps

water.

Top Out:

As necessary with Class "G" cement with 2% CaCl2, 1/4#/sk Flocele mixed at 15.6 ppg,

1.18 ft³/sk., 5.2 gps water.

Note:

Cement volumes will be calculated to bring lead cement to surface and tail cement to

500'above the casing shoe.

Production Hole Procedure (2300'± - TD)

Lead:

85 sks:

Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44

(Salt),0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29 (cello flakes)

mixed at 11.0 ppg, 3.91 ft³/sk., 24.5 gps water.

Tail:

200 sks:

50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075%

D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1

ppg, 1.28 ft³/sk., 5.9gps water.

Note:

The above number of sacks is based on gauge-hole calculation.

Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe. Tail volume to be calculated to bring cement to 400'± above top of Wasatch.

Final Cement volumes will be based upon gauge-hole plus 45% excess.

10. ABNORMAL CONDITIONS:

Surface Hole (Surface - 2300'±):

Lost circulation

Production Hole (2300'± - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

This section of hole will be casing drilled and will meet BLM requirement for .422 of cement sheath space on all sides of the casing couplings.

CHAPITA WELLS UNIT 690-34 SW/SE, SEC. 34, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

13. Air Drilling Operations:

- 1. Main Air Compressors are 1250 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- 2. Secondary Air Compressors are 1170 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- 3. Minimum setting depth of conductor casing will be 60' GL or 10'± into competent formation, whichever is deeper, as determined by the EOG person in charge. Exceptions must be approved by an EOG drilling superintendent or manager.
- 4. The diameter of the diverter flow line will be a minimum of 10" to help reduce back pressure on the well bore during uncontrolled flow.
- 5. Rat and Mouse hole drilling will occur only after surface casing has been set and cemented.
- 6. EOG Resources, Inc. will use a properly maintained and lubricated stripper head.

(Attachment: BOP Schematic Diagram)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROV	/ED
OMB NO. 1004-	0135
Expires: July 31,	2010

SUNDRY Do not use the abandoned we	5. Lease Serial No. UTU379436. If Indian, Allottee of the control of the contro	or Tribe Name				
SUBMIT IN TRI	7. If Unit or CA/Agreement, Name and/or No. CHAPITA WELLS UNI					
Type of Well	8. Well Name and No. CHAPITA WELLS	8. Well Name and No. CHAPITA WELLS UNIT 690-34				
Name of Operator EOG RESOURCES INC	9. API Well No. 43-047-37459					
3a. Address	E-Mail: mary_maes		(include area code)	10. Field and Pool, or	Exploratory
600 17TH STREET SUITE 10 DENVER, CO 80202		NATURAL BUT	TES/WASATCH			
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description))	10.00		11. County or Parish,	and State
Sec 34 T9S R23E SWSE 696 39.98711 N Lat, 109.31099 W					UINTAH COUN	TY, UT
12. CHECK APPI	ROPRIATE BOX(ES) TO	INDICATE	NATURE OF	NOTICE, RI	EPORT, OR OTHE	R DATA
TYPE OF SUBMISSION			TYPE O	F ACTION		
☐ Notice of Intent	☐ Acidize	☐ Deep	en	☐ Product	ion (Start/Resume)	■ Water Shut-Off
_	☐ Alter Casing	☐ Fract	ure Treat	□ Reclam	ation	■ Well Integrity
	□ Casing Repair	■ New	Construction	□ Recomp	olete	Other
☐ Final Abandonment Notice	□ Change Plans	Plug	and Abandon	□ Tempor	arily Abandon	Well Spud
	☐ Convert to Injection	□ Plug	Back	■ Water I	Disposal	
Attach the Bond under which the worfollowing completion of the involved testing has been completed. Final Aldetermined that the site is ready for form the referenced well spud on a spud	operations. If the operation respandonment Notices shall be file inal inspection.) 5/31/2008.	sults in a multiple	completion or rec	ompletion in a r	new interval, a Form 316	0-4 shall be filed once
	Electronic Submission # For EOG F	60535 verified RESOURCES II	NČ, sent to the	Vernal	_	
Name (Printed/Typed) MARY A.	MAESTAS		Title REGUI	LATORY AS	515 I AN I	
Signature (C) Electronic	Submission Can Can		Date 06/02/2	2008		
	THIS SPACE FO	R FEDERA	L OR STATE	OFFICE U	SE	
Approved By]	Title			Date
Conditions of approval, if any, are attache certify that the applicant holds legal or equal which would entitle the applicant to condu	uitable title to those rights in the		Office			
Fitle 18 U.S.C. Section 1001 and Title 43	U.S.C. Section 1212, make it a	crime for any per	son knowingly and	d willfully to m	ake to any department or	agency of the United

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ECEIVED

UNITED STATES

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010

	Expires. July
5.	Lease Serial No. UTU67868
	01007000

SUNDRY NOTICES AND REPORTS ON WELLS	
Do not use this form for proposals to drill or to re-enter an	7
abandoned well. Use form 3160-3 (APD) for such proposal	s.

Do not use thi abandoned we	6. If Indian, Allott	ee or Tribe Name		
SUBMIT IN TRI	PLICATE - Other instructions on	reverse side.	7. If Unit or CA/A	agreement, Name and/or No.
Type of Well Oil Well			8. Well Name and MULTIPLE M	No. ULTIPLE
Name of Operator EOG RESOURCES INC	Contact: MARY A. E-Mail: mary_maestas@eogi	MAESTAS resources.com	9. API Well No.	47 37459
3a. Address 600 17TH STREET SUITE 10 DENVER, CO 80202	3b. Phon Ph: 303	e No. (include area code) 3-824-5526	10. Field and Pool NATURAL B	I, or Exploratory BUTTES
4. Location of Well (Footage, Sec., T	, R., M., or Survey Description)		11. County or Part UINTAH CO	
	95 2	3E 3A	JINTAI TOO	ONTT, OT
12. CHECK APPE	ROPRIATE BOX(ES) TO INDICA		OTICE, REPORT, OR OT	HER DATA
TYPE OF SUBMISSION		TYPE OF	ACTION	
☑ Notice of Intent		Deepen Exercises Tours	☐ Production (Start/Resume	
☐ Subsequent Report	_ _	Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice		New Construction Plug and Abandon	Recomplete	☐ Other
That Abandonment Notice	_	Plug Back	☐ Temporarily Abandon☑ Water Disposal	
determined that the site is ready for five EOG Resources, Inc. requests to any of the following location. 1. Natural Buttes Unit 21-20B 2. Chapita Wells Unit 550-30N 3. Chapita Wells Unit 2-29 SW 4. Red Wash Evaporation pon 5. RN Industries	s authorization for disposal of prod s. SWD I SWD I/D	uced water from the	•	t by the ision of nd Mining
14. I hereby certify that the foregoing is	Electronic Submission #60540 ver	ified by the BLM Well CESINC, sent to the V	Information System /ernal	
Name(Printed/Typed) MARY A.	MAESTAS	Title REGUL	ATORY ASSISTANT	
Signature M (Electronic S	submissory La	Date 06/02/20	008	
	THIS SPACE FOR FEDE	RAL OR STATE	OFFICE USE	
_Approved By		Title		Date
	d. Approval of this notice does not warran iitable title to those rights in the subject least operations thereon.			
	U.S.C. Section 1212, make it a crime for a statements or representations as to any mat		willfully to make to any departmen	nt or agency of the United

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** 0 4 2008

Well Name	SEC	I	<u>R</u>	Qtr/Qtr	Lease	<u>API</u>
East Chapita 81-23	23	98	23E	NESE	UTU67868	43-047-39443
CWU 1363-25H	25	98	22E	SENE	UTU0282	43-047-50007
East Chapita 51-35	35	98	23E	NWNW	UTU0344	43-047-39208
East Chapita 25-09	9	98	23E	SESE	UTU67868	43-047-38145
CWU 1365-19	19	98	23E	SWSW	UTU0337	43-047-39779
NBU 573-17E	17	10S	21E	SESE	UTU02278	43-047-38510
NBU 561-17E	17	10S	21E	SWSE	UTU02278	43-047-37512
CWU 1088-22	22	98	22E	SWNE	UTU0284A	43-047-37502
CWU 1023-15	15	98	22E	NWNW	UTU0283A	43-047-38666
CWU 965-34	34	98	23E	NWSW	UTU37943	43-047-39806
NBU 567-17E	17	10S	21E	NWNE	UTU01791	43-047-38535
East Chapita 79-23	23	98	23E	SESE	UTU67868	43-047-39442
CWU 1274-22	22	98	22E	NENW	UTU0284A	43-047-38530
CWU 690-34	34	9S	23E	SWSE	UTU37943	43-047-37459

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010

5. Lease Serial No. UTU37943

Do not use the abandoned we	6. If Indian, Allottee or Tribe Name					
SUBMIT IN TRI	7. If Unit or CA/Agree CHAPITA WELL					
Type of Well ☐ Oil Well ☐ Oth Gas Well ☐ Oth	8. Well Name and No. CHAPITA WELLS UNIT 690-34					
2. Name of Operator EOG RESOURCES INC	9. API Well No. 43-047-37459					
3a. Address 600 17TH STREET SUITE 10 DENVER, CO 80202	10. Field and Pool, or Exploratory NATURAL BUTTES/WASATCH					
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description)			11. County or Parish, a	nd State
Sec 34 T9S R23E SWSE 696 39.98711 N Lat, 109.31099 W					UINTAH COUNT	Y, UT
12. CHECK APPI	ROPRIATE BOX(ES) TO) INDICATE	NATURE OF N	NOTICE, RE	PORT, OR OTHER	DATA
TYPE OF SUBMISSION			TYPE OF	ACTION		
Notice of Intent ■	☐ Acidize	☐ Dee	-		on (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	_	ture Treat	☐ Reclama		☐ Well Integrity
	Casing Repair	_	Construction	□ Recomp		☑ Other Change to Original A
☐ Final Abandonment Notice	oandonment Notice ☐ Change Plans ☐ Plug and Abandon ☐ Tempor☐ Convert to Injection ☐ Plug Back ☐ Water I					PD
following completion of the involved testing has been completed. Final At determined that the site is ready for fine EOG Resources, Inc. requests referenced well from 9-5/8" to A revised drilling plan for casin COPY SENT TO OPERATOR Date: 6-210-2008 Initials:	nandonment Notices shall be file inal inspection.) s authorization to change 8-5/8".	ed only after all i	requirements, includi	ing reclamation	ew interval, a Form 3100, have been completed, a	4 shall be filed once and the operator has
14. I hereby certify that the foregoing is	Electronic Submission #	60570 verified RESOURCES	by the BLM Well INC, sent to the \	Information /ernal	System	
Name (Printed/Typed) MARY A.	MAESTAS		Title REGUL	ATORY ASS	SISTANT	
Signature MAEjectriffic.	Submission		Date 06/03/20	008		
	THIS SPACE FO	OR FEDERA	L OR STATE	OFFICE US	SE	
Approved By Conditions of approval, if any, are attache certify that the applicant holds legal or equivalent would entitle the applicant to conduct the second the second to conduct the second the second to conduct the second the second to conduct the second the second to conduct the s	nitable title to those rights in the act operations thereon.	e subject lease	Qij, Gas	and Mini	ng Federal Appr	Date Oval Of This Jecassany Je
			14.	\////\	<u> </u>	

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED

CHAPITA WELLS UNIT 690-34 SW/SE, SEC. 34, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	TVD-RKB (ft)	Objective	Lithology	
Green River	1,323		Shale	
Mahogany Oil Shale Bed	2,001		Shale	
Uteland Butte MBR	4,086		Limestone	
Wasatch	4,198	Primary	Sandstone	Gas
Chapita Wells	4,748	Primary	Sandstone	Gas
Buck Canyon	5,421	Primary	Sandstone	Gas
North Horn	5,889	Primary	Sandstone	Gas
KMV Price River	6,102		Sandstone	Gas
			Specific Control	
TD	6,300			

Estimated TD: 6,300' or 200'± below TD Anticipated BHP: 3,440 Psig

- 1. Fresh Waters may exist in the upper, approximately 1,000 ft \pm of the Green River Formation, with top at about 2,000 ft \pm .
- 2. Cement isolation is installed to surface of the well isolating all zones by cement.

3. PRESSURE CONTROL EQUIPMENT:

Production Hole - 5000 Psig

BOP schematic diagrams attached.

4. CASING PROGRAM:

<u>e</u>			<u>Grade</u>	Thread	Rating Collapse	<u>Factor</u> <u>Burst</u>	<u>Tensile</u>
₂ " 0 – 60'	13 %"	48.0#	H-40	STC	770 PSI	1730 PSI	322,000#
0' - 2,300' KB±	8-5/8"	32.0#	J-55	STC	2530 PSI	3930 Psi	372,000#
" Surface – TD	4-1/2"	11.6#	P-110	втс	7560 PSI	10,690 Psi	279,000#
4	0 - 60' 0' - 2,300' KB±	0' - 2,300' KB± 8-5"	0' - 2,300' KB± 8-56" 32.0#	0' - 2,300' KB± 8-5%" 32.0# J-55	0' - 2,300' KB± 8-56" 32.0# J-55 STC	2" 0 - 60' 13 %" 48.0# H-40 STC 770 PSI 0' - 2,300' KB± 8-5%" 32.0# J-55 STC 2530 PSI	0 - 60' 13 3'6" 48.0# H-40 STC 770 PSI 1730 PSI 0' - 2,300' KB± 8-56" 32.0# J-55 STC 2530 PSI 3930 Psi

<u>Note:</u> 12- $\frac{1}{4}$ " surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased $\frac{9-\frac{5}{4}}{100}$ " as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone.

All casing will be new or inspected.

CHAPITA WELLS UNIT 690-34 SW/SE, SEC. 34, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

5. Float Equipment:

Surface Hole Procedure (0'- 2300'±)

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5th joint to surface. (15 total)

Production Hole Procedure (2300'± - TD):

Bit, Cross-over sub with float, IB stabilizer, Casing pup jt., IB Stabilizer, 1 joint casing, and balance of casing to surface. All casing will be 4-1/2", 11.6#, P-110, Buttress and Grant Prideco DWC couplings, with a marker jt. 400' above top of Wasatch. Composite-coated, positive stand-off centralizers will be utilized on the bottom 20 jts. The casing will be rotated via a top-drive system to drill the hole. A cement plug will be landed on the float above the bit.

6. MUD PROGRAM

Surface Hole Procedure (Surface - 2300'±):

Air/air mist or aerated water.

Production Hole Procedure (2300'± - TD):

Anticipated mud weight 9.5 – 10.5 ppg depending on actual wellbore conditions encountered while drilling.

2300'±-TD

A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

CHAPITA WELLS UNIT 690-34 SW/SE, SEC. 34, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

7. VARIANCE REQUESTS:

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Logs: Gas shows.

Cased-hole Logs: Cased-hole logs will be run in lieu of open-hole logs consisting of the following: Cement

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CHAPITA WELLS UNIT 690-34 SW/SE, SEC. 34, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

9. CEMENT PROGRAM:

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Tail: 312 sks Class "G" cement with 2% CaCl₂, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft³/sk., 5.2 gps

water.

Top Out: As necessary with Class "G" cement with 2% CaCl₂, ¼#/sk Flocele mixed at 15.6 ppg,

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Note: Cement volumes will be calculated to bring lead cement to surface and tail cement to

500'above the casing shoe.

Production Hole Procedure (2300'± - TD)

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(Salt),0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29 (cello flakes)

mixed at 11.0 ppg, 3.91 ft³/sk., 24.5 gps water.

Tail: 476 sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075%

D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1

ppg, 1.28 ft³/sk., 5.9gps water.

Note: The above number of sacks is based on gauge-hole calculation.

Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe. Tail volume to be calculated to bring cement to 400'± above top of Wasatch.

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CHAPITA WELLS UNIT 690-34 SW/SE, SEC. 34, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

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- 4. The diameter of the diverter flow line will be a minimum of 10" to help reduce back pressure on the well bore during uncontrolled flow.
- 5. Rat and Mouse hole drilling will occur only after surface casing has been set and cemented.
- 6. EOG Resources, Inc. will use a properly maintained and lubricated stripper head.

(Attachment: BOP Schematic Diagram)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010

	5. Lease Se
NDRY NOTICES AND REPORTS ON WELLS	UTU37
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	UREAU OF LAND MANA				5. Lease Serial No.	
SUNDRY	NOTICES AND REPO	RTS ON WI	ELLS		UTU37943	
Do not use th abandoned we	6. If Indian, Allottee or	Tribe Name				
SUBMIT IN TRI	IPLICATE - Other instruc	tions on rev	erse side.		7. If Unit or CA/Agree CHAPITA WELL	ment, Name and/or No. S UNI
Type of Well Oil Well	her		<u> </u>		8. Well Name and No. CHAPITA WELLS	UNIT 690-34
Name of Operator EOG RESOURCES INC	9. API Well No. 43-047-37459					
3a. Address 600 17TH STREET SUITE 10 DENVER, CO 80202	000N	3b. Phone No Ph: 303-82	. (include area code) 4-5526		10. Field and Pool, or I NATURAL BUT	
4. Location of Well (Footage, Sec., 7	T., R., M., or Survey Description)			11. County or Parish, a	nd State
Sec 34 T9S R23E SWSE 696 39.98711 N Lat, 109.31099 W				1	UINTAH COUNT	TY, UT
12. CHECK APP	ROPRIATE BOX(ES) TO) INDICATE	NATURE OF N	NOTICE, RE	EPORT, OR OTHER	RDATA
TYPE OF SUBMISSION			TYPE OF	ACTION		
Notice of Intent	☐ Acidize	☐ Dee	pen	□ Producti	ion (Start/Resume)	■ Water Shut-Off
**	☐ Alter Casing ☐ Fracture Treat ☐ Rec				ation	■ Well Integrity
☐ Subsequent Report	☐ Casing Repair ☐ New Construction ☐ Recomp			lete	Other	
☐ Final Abandonment Notice	<u> </u>				arily Abandon	Change to Original A PD
	☐ Convert to Injection	□ Plug	Back	☐ Water D	Disposal	10
EOG Resources, Inc. request referenced well from 6-1/4" to A revised drilling plan for casi	6-3/4".	the size of th	e production hol	e on the	COPY SENT TO O	
14. I hereby certify that the foregoing is	Electronic Submission #	60659 verified	I by the BLM Well INC, sent to the \	Information /ernal	System	
Name(Printed/Typed) MARY A.	MAESTAS		Title REGUL	ATORY AS	SISTANT	
Signature \(\begin{align*} \alpha \pi \ \alpha \pi \ext{Electronic} \ext{\text{Signature}} \\ \alpha \pi \ext{\text{Electronic}} \ext{\text{\text{Signature}}} \ext{\text{\text{\text{Electronic}}} \ext{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\texi}\text{\text{\tex{\text{\text{\text{\text{\texi\text{\texi{\texi{\text{\tex	Spinission and		Date 06/05/2	800		**************************************
	THIS SPACE FO	OR FEDERA	L OR STATE	OFFICE U	SE 44 1	
Approved By		gen and a	Accepted	vision of	Federal Appro	oval of This
Conditions of approval, if any, are attached that the applicant holds legal or equivalent would entitle the applicant to conditions.	uitable title to those rights in the		Oil, Gas a	nd Minir	Action is N	606330ai y
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent	ctatements or representations as	to any matter w	ithin its introdiction	11 11 1-		agency of the United
		<u> </u>	1. 100		TIC(PEIVED
** OPERA	TOR-SUBMITTED ** O	PERATOR	SUBMITTED *	* OPERAT	OR-SUBMITTED JUN	0 6 2008

CHAPITA WELLS UNIT 690-34 SW/SE, SEC. 34, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	TVD-RKB (ft)	Objective	Lithology	
Green River	1,323		Shale	
Mahogany Oil Shale Bed	2,001		Shale	
Uteland Butte MBR	4,086		Limestone	
Wasatch	4,198	Primary	Sandstone	Gas
Chapita Wells	4,748	Primary	Sandstone	Gas
Buck Canyon	5,421	Primary	Sandstone	Gas
North Horn	5,889	Primary	Sandstone	Gas
KMV Price River	6,102		Sandstone	Gas
TD	6,300			1

Estimated TD: 6,300' or 200'± below TD

Anticipated BHP: 3,440 Psig

- 1. Fresh Waters may exist in the upper, approximately 1,000 ft \pm of the Green River Formation, with top at about 2,000 ft \pm .
- 2. Cement isolation is installed to surface of the well isolating all zones by cement.

3. PRESSURE CONTROL EQUIPMENT:

Production Hole - 5000 Psig

BOP schematic diagrams attached.

4. CASING PROGRAM:

CASING	<u>Hole</u> Size	<u>Length</u>	<u>Size</u>	WEIGHT	<u>Grade</u>	Thread	Rating Collapse	<u>Factor</u> <u>Burst</u>	<u>Tensile</u>
Conductor	17 ½"	0 – 60'	13 %"	48.0#	H-40	STC	770 PSI	1730 PSI	322,000#
Surface	12 ¼"	0' - 2,300' KB±	8-5/8"	32.0#	J-55	STC	2530 PSI	3930 Psi	372,000#
Production	6-3/4"	Surface - TD	4-1/2"	11.6#	P-110	втс	7560 PSI	10,690 Psi	279,000#

Note: 12-1/4" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-5/8" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone.

All casing will be new or inspected.

CHAPITA WELLS UNIT 690-34 SW/SE, SEC. 34, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

5. Float Equipment:

Surface Hole Procedure (0'- 2300'±)

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of its. #2 and #3 then every 5th joint to surface. (15 total)

<u>Production Hole Procedure (2300'± - TD):</u>

Bit, Cross-over sub with float, IB stabilizer, Casing pup jt., IB Stabilizer, 1 joint casing, and balance of casing to surface. All casing will be 4-½", 11.6#, P-110, Buttress and Grant Prideco DWC couplings, with a marker jt. 400' above top of Wasatch. Composite-coated, positive stand-off centralizers will be utilized on the bottom 20 jts. The casing will be rotated via a top-drive system to drill the hole. A cement plug will be landed on the float above the bit.

6. MUD PROGRAM

Surface Hole Procedure (Surface - 2300'±):

Air/air mist or aerated water.

Production Hole Procedure (2300'± - TD):

Anticipated mud weight 9.5 – 10.5 ppg depending on actual wellbore conditions encountered while drilling.

A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

CHAPITA WELLS UNIT 690-34 SW/SE, SEC. 34, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

7. VARIANCE REQUESTS:

Reference: Onshore Oil and Gas Order No. 1

Onshore Oil and Gas Order No. 2 - Section E: Special Drilling Operations

- o EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line to be 100' in length. (Where possible, a straight run blooie line will be used).
- EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be approximately 75' in length.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring dedusting equipment. Dust during air drilling operations is controlled by water mist.
- o EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring an automatic igniter or continuous pilot light on the blooie line. (Not required on aerated water system).
- EOG Resources, Inc. requests a variance that compressors are located in the opposite direction from the blooie line a minimum of 100 feet from the well bore. (Air Compressors are rig mounted).

8. EVALUATION PROGRAM:

Logs: Gas shows.

Cased-hole Logs: Cased-hole logs will be run in lieu of open-hole logs consisting of the following: Cement

Bond / Casing Collar Locator and Pulsed Neutron

CHAPITA WELLS UNIT 690-34 SW/SE, SEC. 34, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

9. CEMENT PROGRAM:

Surface Hole Procedure (Surface - 2300'±):

Lead: 278 sks Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCl₂, 3 lb/sx

GR3 ¼ #/sx Flocele mixed at 11 ppg, 3.82 ft³/sk. yield, 23 gps water.

Tail: 312 sks Class "G" cement with 2% CaCl₂, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft³/sk., 5.2 gps

water.

Top Out: As necessary with Class "G" cement with 2% CaCl₂, ¼#/sk Flocele mixed at 15.6 ppg,

1.18 ft³/sk., 5.2 gps water.

Note: Cement volumes will be calculated to bring lead cement to surface and tail cement to

500'above the casing shoe.

Production Hole Procedure (2300'± - TD)

Lead: 95 sks: Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44

(Salt),0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29 (cello flakes)

mixed at 11.0 ppg, 3.91 ft³/sk., 24.5 gps water.

Tail: 476 sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075%

D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1

ppg, 1.28 ft³/sk., 5.9gps water.

Note: The above number of sacks is based on gauge-hole calculation.

Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe. Tail volume to be calculated to bring cement to 400'± above top of Wasatch.

Final Cement volumes will be based upon gauge-hole plus 45% excess.

10. ABNORMAL CONDITIONS:

Surface Hole (Surface - 2300'±):

Lost circulation

Production Hole (2300'± - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

This section of hole will be casing drilled and will meet BLM requirement for .422 of cement sheath space on all sides of the casing couplings.

CHAPITA WELLS UNIT 690-34 SW/SE, SEC. 34, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

13. Air Drilling Operations:

- 1. Main Air Compressors are 1250 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- 2. Secondary Air Compressors are 1170 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- Minimum setting depth of conductor casing will be 60' GL or 10'± into competent formation, whichever is deeper, as determined by the EOG person in charge. Exceptions must be approved by an EOG drilling superintendent or manager.
- 4. The diameter of the diverter flow line will be a minimum of 10" to help reduce back pressure on the well bore during uncontrolled flow.
- 5. Rat and Mouse hole drilling will occur only after surface casing has been set and cemented.
- 6. EOG Resources, Inc. will use a properly maintained and lubricated stripper head.

(Attachment: BOP Schematic Diagram)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVE	D
OMB NO. 1004-01	35
Expires: July 31, 20	1

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an
abandoned well. Use form 3160-3 (APD) for such proposals.

5. Lease Serial No. UTU37943

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRI	7. If Unit or CA/Agre CHAPITA WEL	ement, Name and/or No. LS UNI				
1. Type of Well					8. Well Name and No. CHAPITA WELLS	S LINIT 690-34
Oil Well Gas Well Oth		4457/ 4 14450	TAO			
Name of Operator EOG RESOURCES, INC.	Contact: M E-Mail: mary_maest	MARY A. MAES tas@eogresource			9. API Well No. 43-047-37459	
3a. Address 600 17TH STREET SUITE 10 DENVER, CO 80202	00N	3b. Phone No. (in Ph: 303-824-5)	10. Field and Pool, or NATURAL BUT	Exploratory TES/WASATCH
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description)				11. County or Parish,	and State
Sec 34 T9S R23E SWSE 696 39.98711 N Lat, 109.31099 W					UINTAH COUN	TY, UT
12. CHECK APPR	ROPRIATE BOX(ES) TO	INDICATE NA	ATURE OF	NOTICE, RI	EPORT, OR OTHE	R DATA
TYPE OF SUBMISSION			ТҮРЕ О	F ACTION		
□ Nation of Intent	☐ Acidize	Deepen		☐ Product	ion (Start/Resume)	☐ Water Shut-Off
☐ Notice of Intent	☐ Alter Casing	☐ Fracture	Treat	☐ Reclama	ation	□ Well Integrity
■ Subsequent Report	□ Casing Repair	☐ New Co	nstruction	☐ Recomp	lete	Other
☐ Final Abandonment Notice	☐ Change Plans	Plug and	d Abandon	□ Tempor	arily Abandon	Production Start-up
	Plug Ba	ck	■ Water D	pisposal		
The referenced well was turne report for drilling and completi	on operations performed o	n the subject w	illached oper	auons summ	iaiy	
14. I hereby certify that the foregoing is	Electronic Submission #6	2452 verified by ESOURCES, INC			System	
					NOTANT	
Name(Printed/Typed) MARY A.	MAESTAS	Ti	ile REGUL	_ATORY ASS	SISTANT	
Signature	Submissiph res	Da	ite 08/21/2	2008		
	THIS SPACE FO	R FEDERAL (OR STATE	OFFICE U	SE	
Approved By		Т	itle			Date
Conditions of approval, if any, are attache certify that the applicant holds legal or equivalent would entitle the applicant to conduct the applicant the applicant to conduct the applicant the ap	uitable title to those rights in the s	not warrant or subject lease	ffice			
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent					ake to any department or	agency of the United
					HLUL	

WELL CHRONOLOGY REPORT

Report Generated On: 08-21-2008

Well Name	CWU 690-34	Well Type	DEVG	Division	DENVER						
Field	CHAPITA WELLS UNIT	API#	43-047-37459	Well Class	1SA						
County, State	UINTAH, UT	Spud Date	06-14-2008	Class Date	08-18-2008						
Tax Credit	N	TVD / MD	6,300/ 6,300	Property #	057251						
Water Depth	0	Last CSG	0.0	Shoe TVD / MD	4,946/ 4,946						
KB / GL Elev	5,350/ 5,337				•						
Location	Section 34, T9S, R23E, SWS	Section 34, T9S, R23E, SWSE, 696 FSL & 2065 FEL									

DRILL & COMPLETE

Operator	EO	G RESOURC	ES, INC	WI %	100	.0		NRI %		82.25	
AFE No		303467		AFE Total		1,298,800		DHC/	CWC	704,7	00/ 594,100
Rig Contr	ELE	NBURG	Rig Name	ELENE	BURG #28	Start Date	12-	-07-2005	Release	Date	06-20-2008
12-07-2005	R	eported By									
DailyCosts: D	rilling	\$0		Con	pletion	\$0		Dail	y Total	\$0	
Cum Costs: D	rilling	\$0		Con	pletion	\$0	,	Wel	l Total	\$0	
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:			PBTD : 0	.0		Perf:			PKR D	epth : 0.0)

Activity at Report Time: LOCATION DATA

1.0

Event No

StartEndHrsActivity Description06:0006:0024.0 LOCATION DATA

. 696' FSL & 2065' FEL (SW/SE) SECTION 34, T9S, R23E UINTAH COUNTY, UTAH

LAT 39.987147, LONG 109.310317 (NAD 27) LAT 39.987114, LONG 109.310994 (NAD 83)

Description

ELENBURG #28

OBJECTIVE: 6300' TD, WASATCH

DW/GAS

CHAPITA WELLS PROSPECT DD&A: NATURAL BUTTES NATURAL BUTTES FIELD

LEASE: U-37942

ELEVATION: 5337.3 NAT , 5337.3' PREP GL (DUE TO ROUNDING PREP GL WILL BE 5337), 5350' KB (13')

EOG WI 100%, NRI 82.25%

05-20-2008 Reported By

TERRY CSERE

DailyCosts: Drill	ng \$38,00	0	Comj	pletion	\$0		Daily	Total	\$38,000	
Cum Costs: Drill	ng \$38,00	0	Comp	pletion	\$0		Well	Total	\$38,000	
MD 0	TVD	0 P :	rogress	0	Days	0	MW	0.0	Visc	0.0
Formation:		PBTD : 0.0			Perf:			PKR De	oth: 0.0	
Activity at Repor	t Time: BUILD LO	OCATION								
Start End	Hrs Act	ivity Descript	tion							
06:00 06:0	0 24.0 LOC	CATION START	TED TODAY	05/20/08.						
05-21-2008	Reported By	TERR	Y CSERE							
DailyCosts: Drill	ng \$0		Com	pletion	\$0		Daily	Total	\$0	
Cum Costs: Drill	ing \$38,00	0	Com	pletion	\$0		Well	Total	\$38,000	
MD 0	TVD	0 P	rogress	0	Days	0	MW	0.0	Visc	0.0
Formation:		PBTD : 0.0			Perf:			PKR De	pth: 0.0	
Activity at Repor	t Time: BUILD L	OCATION								
Start End	Hrs Acti	ivity Descript	tion							
06:00 06:0	0 24.0 LOC	CATION 20% C	OMPLETE.							
05-22-2008	Reported By	TERR	Y CSERE							
DailyCosts: Drill	ng \$0		Com	pletion	\$0		Daily	Total	\$0	
Cum Costs: Drill	ing \$38,00	0	Com	pletion	\$0		Well	Total	\$38,000	
MD 0	TVD	0 P	rogress	0	Days	0	$\mathbf{M}\mathbf{W}$	0.0	Visc	0.0
Formation:		PBTD : 0.0			Perf:			PKR De	oth: 0.0	
Activity at Repor	t Time: BUILD L	OCATION								
Start End	Hrs Act	ivity Descript	tion							
06:00 06:0	0 24.0 LOC	CATION 30% C	OMPLETE.							
05-23-2008	Reported By	TERR	Y CSERE							
DailyCosts: Drill	ng \$0		Com	pletion	\$0		Daily	Total	\$0	
Cum Costs: Drill	ing \$38,00	0	Com	pletion	\$0		Well	Total	\$38,000	
MD 0	TVD	0 P	rogress	0	Days	0	MW	0.0	Visc	0.0
Formation:		PBTD : 0.0	_		Perf:			PKR De	pth: 0.0	
Activity at Repor	t Time: BUILD L	OCATION								
Start End	Hrs Act	ivity Descript	tion							
06:00 06:		CATION 35% C								
05-27-2008	Reported By	TERR	Y CSERE							
DailyCosts: Drill	ng \$0		Com	pletion	\$0		Daily	Total	\$0	
Cum Costs: Drill	-	0	`	pletion	\$0		Well	Total	\$38,000	
MD 0	TVD	0 P	rogress	0	Days	0	MW	0.0	Visc	0.0
Formation :		PBTD : 0.0	5		Perf:			PKR De		
Activity at Repor									-	
Start End		ivity Descrip	tion							
06:00 06:		CATION 45% C								
05-28-2008	Reported By	TERR	Y CSERE							
VD 20 2000	Topot wa Dj									

DailyCost	s: Drilling	\$0		Com	pletion	\$0		Dail	ly Total	\$0	
Cum Cost	s: Drilling	\$38,0	000	Com	pletion	\$0		Wel	l Total	\$38,000	
MD	0	TVD	0	Progress	0	Days	0	\mathbf{MW}	0.0	Visc	0.0
Formation	ı:		PBTD : 0	0.0		Perf:			PKR Dep	oth: 0.0	
Activity at	t Report Ti	me: BUILD	LOCATION								
Start	End	Hrs A	ctivity Desc	cription							
06:00	06:00	24.0 LC	OCATION 85	% COMPLETE.							
05-29-20	08 Re	ported By	T	ERRY CSERE							
DailyCost	s: Drilling	\$0		Com	pletion	\$0		Dai	ly Total	\$0	
Cum Cost	s: Drilling	\$38,0	000	Com	pletion	\$0		Wel	il Total	\$38,000	
MD	60	TVD	60	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation	ı:		PBTD:	0.0		Perf:			PKR Dep	oth: 0.0	
Activity a	t Report Ti	me: WO BU	CKET TRUC	CK							
Start	End	Hrs A	ctivity Desc	cription							
06:00	06:00	14	" CONDUC	OMPLETE. ROC FOR. CEMENT ND MICHAEL L	TO SURF	ACE WITH RI	EADY MIX	JERRY BA	RNES NOTIFI		
06-07-20	08 Re	eported By	Т	ERRY CSERE							
DailyCost	s: Drilling	\$186	,281	Com	pletion	\$0		Dai	ly Total	\$186,281	
Cum Cost	s: Drilling	\$224	,281	Com	pletion	\$0		Wel	ll Total	\$224,281	
MD	2,118	TVD	2,118	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation	ı:		PBTD : 0	0.0		Perf:			PKR De	pth: 0.0	
Activity a	t Report Ti	me: WORT									
Start	End	Hrs A	ctivity Desc	cription							
06:00	06:00	R / 8 (AN 52 JTS (2 CENTRALIZ	'S AIR RIG #2 O 2119.48') OF 8–5 ZERS SPACED N SING TO BOTTO	5/8", 32.0# 4IDDLE C	, J–55, ST&C OF SHOE JOII	CASING W	ITH TOP-C	CO GUIDE SHO	OE AND FLOA	AT COLLA
		V/ Ci	ALVE TO 30 EMENT. MIX	BURTON CEME 00 PSIG. PUMPI KED & PUMPEI O OF 1.18 CF/SX	ED 2 BBL 0 400 SX (S FRESH WA	TER & 20 B	BLS GELLI	ED WATER FL	USH AHEAD	OF
		FL		CEMENT W/160 T HELD. SHUT-							
				MIXED & PUMI IELD OF 1.15 C		*				ACL2. MIXED	CEMENT
		15		MIXED & PUMI IELD OF 1.15 C							

CEMENTERS.

TOP JOB # 3: MIRU HALLIBURTON CEMENTERS. MIXED & PUMPED 200 SX (41 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. NO RETURNS. WOC 2 HRS 30 MINUTES.

TOP JOB #4: MIXED & PUMPED 200 SX (41 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. HOLE FILLED & STOOD FULL. RDMO HALLIBURTON CEMENTERS.

PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

DCT TOOK SURVEYS WHILE DRILLING HOLE @ 1169' - 0.75:, 1920' - 2.0:. AND @ 2090' - 1.75:.

CONDUCTOR LEVEL RECORD: PS= 89.7 OPS= 89.8 VDS= 89.9 MS= 89.8. 9 5/8 CASING LEVEL RECORD: PS= 89.6 OPS= 89.7 VDS= 89.9 MS= 89.8.

KYLAN COOK NOTIFIED JAMIE SPARGER W/BLM OF THE SURFACE CASING & CEMENT JOB ON 6/2/2008 @ 8:40 AM.

06-14-20	08 Re	ported By	D	.FOREMAN/J.S	CHLENK	ER					
DailyCost	s: Drilling	\$92,04	6	Con	pletion	\$1,509		Daily	Total	\$93,555	
Cum Cost	s: Drilling	\$316,3	27	Con	pletion	\$1,509		Well	Total	\$317,836	
MD	2,145	TVD	2,145	Progress	13	Days	1	MW	0.0	Visc	0.0
Formation	n :		PBTD:	0.0		Perf:			PKR De	pth: 0.0	
Activity a	t Report Tir	ne: CIRCULA	TE & CO	NDITION MUD							
Start	End	Hrs Act	ivity Desc	ription							
06:00	07:00	1.0 RI G	DOWN &	SAFETY MEE	TING W/ H	IALCROFT TR	UCKING	& RIG CREW	7.		
07:00	09:00	2.0 MO	VE FROM	CWU 722-32 T	O CWU 69	00-34, RIG UP.	CLEAR L	OCATION @	09:00		
		INS	TALL NIG	HT CAP W/ FM	C.						
09:00	11:30			TEST DTO HE TS + 4 MARKE			OWN BOF	CONT. RIG	UP, CLEAN	& DRIFT 4.5 P	110,11.6#
		TRU	CKS OFF	LOCATION @	11:30						
11:30	16:30	5.0 NIP	PLE UP BO	P, ROT.HEAD,	CHOKE I	INE, KILL LIN	NE VALVE	S, HYD. HOS	ES, FUNCT	ION TEST BOP	•
		RIG	ON DAY V	VORK @ 11:30	, 6/13/08.						
16:30	22:00			QUICK TEST & ICR, KELLY UI						ALVES, CHOKE	E LINE &
		PSI	LOW & 50	00 PSI HIGH, A	NNULAR	250 PSI LOW	2500 HIG	H, SURFACE	CSG 1500 PS	SI. GOOD TEST	:
		WIT	NESS ME	LTON COOPER	, B&C QU	ICK TEST.					
22:00	01:00	3.0 SET	& CHECK	C-O-MATIC,	P/U BHA	TRIP IN W/4.5	DRLL CS	G TO DRILL	6 3/4 HOLE,	TAG @ 2028'.	
01:00	03:30	2.5 DRI	LL CEME	NT/FLOAT EQU	IP FROM	2028' TO 2132	'+ 10' FOI	RMATION TO	2145'.		
03:30	04:00	0.5 PER	FORMED	FIT W/ 8.8 WT.	@ 2132',	190 PSI. EMW	10.5.				
04:00	06:00	2.0 CIR	C & CONE	MUD FROM 8	.9 & 33, V	IS TO 9 & 40 V	IS.				
		MU	D LOSS LA	AST 24 HRS. 0 I	BBLS.						
		MU	O WT.9. VI	S.40							
		ROT	30, P/U 30), S/O 28.							
		ACC	IDENTS N	ONE REPORT	ED.						

FUNCTION CROWN-O-MATIC.

SAFETY MEETING: TIH, HOUSEKEEPING.

CREWS FULL.

FUEL ON HAND: 2102, GALS. USED: 240, GALS.

GAS BG.25 U, CONN. 73 U.

LITHOLOGY; SAND/ SHALE.

MUD LOGGER UNMANED ON LOCATION F/ 6/13/08 (1 DAY).

06-15-20	008 Re	ported l	By D.	FOREMAN/J.S	CHLENKE	R					
DailyCost	ts: Drilling	\$	53,754	Cor	npletion	\$1,509		Dail	y Total	\$55,263	
Cum Cos	ts: Drilling	\$	370,081	Cor	npletion	\$3,018		Well	Total	\$373,099	
MD	3,223	TVD	3,223	Progress	1,057	Days	2	MW	9.1	Visc	45.0
Formatio	n:		PBTD : 0	.0		Perf:			PKR De	pth: 0.0	
Activity a	ıt Report Ti	me: DRI	LLING @ 3223'								
Start	End	Hrs	Activity Desc	ription							
06:00	07:00	1.0	CIRC. COND.	MUD TO 47 VI	S. W 9. WT						
07:00	15:00	8.0	DRLG. 6 3/4 H	OLE F/ 2145' T	°O 2582', 43	37', ROP 54.6',	WOB 10,	RPM 60, TR	Q 1200.		
15:00	15:30	0.5	SERVICE RIG								
15:30	00:30	9.0	DRLG. F/ 2582	'TO 3003', 421	ı', ROP 46.'	7', WOB 10/11,	RPM 60,	TQR 12/1300	PSI.		
00:30	01:00	0.5	SERVICE RIG								
01:00	. 06:00	5.0	DRLG. 3003' T	O 3223',220',R	OP,44',WO	B,8/10,RPM,71	TQ,12/13,	00 PSI. X 4.9	933= 6413.FT	//LB.	
			MUD LOSS LA	AST 24 HRS. 0	BBLS.						
			MUD WT.9.2 V	IS.48.							
			MUD WT.9.2 V ROT 34, P/U 34								
				1, S/O 32.	TED.						
			ROT 34, P/U 34	4, S/O 32. NONE REPORT							
			ROT 34, P/U 34 ACCIDENTS N	1, S/O 32. NONE REPORT ROWN-O-MA	TIC.						
			ROT 34, P/U 34 ACCIDENTS N FUNCTION CI	1, S/O 32. NONE REPORT ROWN-O-MA TING:HOUSE	TIC.						
			ROT 34, P/U 34 ACCIDENTS N FUNCTION CI SAFETY MEE	1, S/O 32. NONE REPORT ROWN-O-MA' TING:HOUSEI	TIC. KEEPING.	02 , GALS.					
			ROT 34, P/U 34 ACCIDENTS N FUNCTION CI SAFETY MEE CREWS FULL	I, S/O 32. NONE REPORT ROWN-O-MA' TING:HOUSEI ND: 6000, GAL	TIC. KEEPING. S. USED: 6	02 , GALS.					
			ROT 34, P/U 34 ACCIDENTS N FUNCTION CI SAFETY MEE CREWS FULL FUEL ON HAI	I, S/O 32. NONE REPORT ROWN-O-MA' TING:HOUSEI . ND: 6000, GAL CONN. 183 U.	TIC. KEEPING. S. USED: 6	02 , GALS.					
			ROT 34, P/U 34 ACCIDENTS N FUNCTION CI SAFETY MEE CREWS FULL FUEL ON HAI GAS BG.25 U, LITHOLOGY;	I, S/O 32. NONE REPORT ROWN-O-MA' TING:HOUSEI ND: 6000, GAL CONN. 183 U. SAND/ SHALI	TIC. KEEPING. S. USED: 6	02 , GALS. ATION F/ 6/13/0	08 (2 D AY).			
06-16-20	008 R	eported	ROT 34, P/U 34 ACCIDENTS N FUNCTION CI SAFETY MEE CREWS FULL FUEL ON HAI GAS BG.25 U, LITHOLOGY; MUD LOGGE	I, S/O 32. NONE REPORT ROWN-O-MA' TING:HOUSEI ND: 6000, GAL CONN. 183 U. SAND/ SHALI	TIC. KEEPING. S. USED: 6 E. D ON LOCA	ATION F/ 6/13/0	08 (2 DAY).			
	008 R ts: Drilling		ROT 34, P/U 34 ACCIDENTS N FUNCTION CI SAFETY MEE CREWS FULL FUEL ON HAI GAS BG.25 U, LITHOLOGY; MUD LOGGE	I, S/O 32. NONE REPORT ROWN-O-MA TING: HOUSEI ND: 6000, GAL CONN. 183 U. SAND/ SHALI R UNMANNEL FOREMAN/J.	TIC. KEEPING. S. USED: 6 E. D ON LOCA	ATION F/ 6/13/0	08 (2 DAY		y Total	\$31,499	
•		\$	ROT 34, P/U 34 ACCIDENTS N FUNCTION CI SAFETY MEE CREWS FULL FUEL ON HAI GAS BG.25 U, LITHOLOGY; MUD LOGGE By D	I, S/O 32. NONE REPORT ROWN-O-MA' TING:HOUSEI ND: 6000, GAL CONN. 183 U. SAND/ SHALE R UNMANNEL FOREMAN/J.	TIC. KEEPING. S. USED: 6 E. D ON LOCA SCHLENKI	ATION F/ 6/13/0 ER	08 (2 DAY	Dail	y Total I Total	\$31,499 \$404,598	
DailyCos	ts: Drilling	\$	ROT 34, P/U 34 ACCIDENTS N FUNCTION CI SAFETY MEE CREWS FULL FUEL ON HAI GAS BG.25 U, LITHOLOGY; MUD LOGGE: By D 529,990	I, S/O 32. NONE REPORT ROWN-O-MA' TING:HOUSEI ND: 6000, GAL CONN. 183 U. SAND/ SHALE R UNMANNEL FOREMAN/J.	TIC. KEEPING. S. USED: 6 E. D ON LOCA SCHLENKI mpletion	ATION F/ 6/13/0 ER \$1,509	08 (2 DAY 2	Dail	•		47.0

06:00	15:30	9.5 DRLG F/3002' TO 3675', 673', ROP 70.8'. WOB 10, RPM 70, TRQ 1300 PSI = 6,400 FT/#.
15:30	16:00	0.5 SERVICE RIG.
16:00	00:30	8.5 DRLG F/3675' TO 4088', 413'. ROP 48.5', WOB 10, RPM 60/65, TRQ 1335 PSI = 6,536 FT#.
00:30	01:00	0.5 SERVICE RIG.
01:00	06:00	5.0 DRLG F/4088' TO 4255', 167'. ROP 33.4', WOB 10, RPM 60/65, TRQ 1300/1335 = 6,536 FT#.

MUD LOSS LAST 24 HRS. 0 BBLS.

MUD WT 9.6, VIS 48.

ROT 44, P/U 47, S/O 43.

ACCIDENTS NONE REPORTED.

FUNCTION CROWN-O-MATIC.

SAFETY MEETING: WINCH LINES /MIX CHEM.

CREWS FULL.

CREWS FULL.

GAS BG 47 U CONN 76 U. LITHOLOGY SAND/ SHALE.

FUEL ON HAND: 4404 GALS USED 672 GALS.

FUEL ON HAND: 5076 GALS. USED: 974 GALS.

GAS BG.49 U, CONN. 83 U.

LITHOLOGY; SAND/ SHALE.

MUD LOGGER UNMANNED ON LOCATION F/ 6/13/08 (3 DAY).

06-17-200	8 R	ported	By D	.FOREMAN/J.S	CHLENKI	ΞR					
DailyCosts	: Drilling	\$	528,456	Con	npletion	\$1,509		Daily	Total	\$29,965	
Cum Costs: Drilling				Completion		\$6,036	. •	Well	Total	\$434,564	
MD	4,865	TVD	4,865	Progress	610	Days	3	MW	10.0	Visc	45.0
Formation	:		PBTD : 0	0.0	• .	Perf:			PKR De _l	oth: 0.0	
Activity at	Report Ti	me: DRI	LLING @ 4865'								
Start	End	Hrs	Activity Desc	ription							
06:00	15:30	9.5	DRILL ROTAT	E 4255' TO 458	9' 334' R O	P 35' WOB 12 I	RPM 70 TR	Q 6400.			
15:30	16:00	0.5	SERVICE RIG								
16:00	06:00	14.0	DRILL ROTAT	E 4589' TO 486	5' 276' RO	P 20' WOB 12/	14 RPM 70	TRQ 6700.			
			MUD LOSS LA	AST 24 HRS. 0	BBLS.						
			MUD WT 9.8	VIS 49.							
			ROT 50 P/U 50	5 S/O 48.							
			ACCIDENTS N	NONE REPORT	ED.						
			FUNCTION C	ROWN-O-MAT	ΓIC.						
			SAFETY MEE	TING:EYE PRO	TECTION						

06-18-2008	R	eported By	I	D.FOREMAN/J.SCHLENKER								
DailyCosts:	Drilling	\$32,5	197	Con	pletion	\$1,509		Daily	Total	\$34,106		
Cum Costs: Drilling \$461,126		,126	Completion \$7,545			Well Total			\$468,671			
MD	5,233	TVD	5,233	Progress	368	Days	4	MW	0.0	Visc	0.0	
Formation: PBTE			PBTD:	: 0.0 Perf :				PKR Depth: 0.0				

MUD LOGGER UNMANNED ON LOCATION SINCE 6/13/08 (4 DAYS).

Activity at Report Time: DRLLING @ 5233'

Start	End	Hrs	Activity Description
06:00	15:30	9.5	$ \mbox{DRILL ROTATE 4865' TO 5049' 184' ROP 19 WOB 14 RPM 70 TRQ 6500'/\#. } \\$
15:30	16:00	0.5	SERVICE RIG.
16:00	06:00	14.0	DRILL ROTATE 5049' TO 5233' 184 ROP 13.1' WOB 18 RPM 68 TRQ 6415'/#.
			MUD LOSS LAST 24 HRS. 0 BBLS.
			MUD WT 9.6 VIS 46.
			ROT 54 P/U 60 S/O 52.
			ACCIDENTS NONE REPORTED.
			FUNCTION CROWN-O-MATIC.
			SAFETY MEETING:PROPER LIFTING TECHNIQUE.
			CREWS FULL.
			FUEL ON HAND: 3871 GALS USED 433 GALS.
			GAS BG 45 U SHOW 4500 U @ 5220'.
			LITHOLOGY SAND/ SHALE.
			MUD LOGGER UNMANNED ON LOCATION SINCE 6/13/08 (5 DAYS).

Formation: PBT		PBTD : 0	D : 0.0 Perf :			PKR Depth: 0.0					
MD	5,725	TVD	5,725	Progress	492	Days	5	MW	9.8	Visc	43.0
Cum Costs: Drilling		\$494,216		Completion \$7.		\$7,545		Well	Fotal	\$501,761	
DailyCosts: Drilling \$31,585		585	Completion \$0			Daily Total			\$31,585		
06-19-2008	Re	ported By	D	D.FOREMAN/J.SCHLENKER							

Activity at Report Time: DRILLING @ 5725'

incorving c	po		
Start	End	Hrs	Activity Description
06:00	16:30	10.5	DRILL ROTATE 5233' TO 5467' 229' ROP 22 WOB 12/16 RPM 72 TRQ 6800
16:30	17:00	0.5	SERVICE RIG
17:00	00:30	7.5	DRILL ROTATE 5467' TO 5633' 166' ROP 22 WOB 13 RPM 70 TRQ 6900
00:30	01:00	0.5	SERVICE RIG
01:00	06:00	5.0	DRILL ROTATE 5633' TO 5725' 92' ROP 18 WOB 13 RPM 65 TQR 6460
			MUD LOSS LAST 24 HRS. 0 BBLS.
			MUD WT 9.7 VIS 43.
			ROT 60 P/U 68 S/O 57.
			ACCIDENTS NONE REPORTED.
			FUNCTION CROWN-O-MATIC.
			SAFETY MEETING:PPE & POWER WASHING.
			CREWS FULL.
			FUEL ON HAND: 3218 GALS USED: 653 GALS.
			GAS BG 50 U SHOW 2400 U @5514'.
			LITHOLOGY SAND/ SHALE.
			MUD LOGGER UNMANNED ON LOCATION SINCE 6/13/08 (6 DAYS).

06-20-2008	8 Re	eported By	D	D.FOREMAN/J.SCHLENKER							
DailyCosts:	Drilling	\$28,9	952	Com	pletion	\$0		Daily '	Total	\$28,952	
Cum Costs: Drilling		\$523	,168	Completion \$7,545				Well T	Total	\$530,713	
MD	6.245	TVD	6.245	Progress	520	Davs	6	MW	9.8	Visc	44.0

Formation :
Activity at R

PBTD: 0.0

Perf:

PKR Depth: 0.0

Activity at Report Time: DRILLING @ 6245'

Start	End	Hrs	Activity Description
06:00	14:30	8.5	DRILL ROTATE 5725' TO 5883' 158' ROP 19 WOB 14/16 RPM 72 TRQ 6650.
14:30	15:00	0.5	SERVICE RIG NOTIFIED STATE OF UTAH (DAVID HACKFORD BY E–MAIL) & BLM (JAIME SPARGER @ 435–781 4502) OF CEMENTING LONG STRING.
15:00	06:00	15.0	DRILL ROTATE 5883' TO 6245' 362' ROP 24 WOB 12 RPM 70 TRQ 6800.
			MUD LOSS LAST 24 HRS. 0 BBLS.
			MUD WT 10 VIS 42.
			ROT 70 P/U 75 S/O 67.
			ACCIDENTS NONE REPORTED.
			FUNCTION CROWN-O-MATIC.
			SAFETY MEETING:PPE & POWER WASHING.
			CREWS FULL.
			FUEL ON HAND: 2403 GALS USED: 815 GALS.
			GAS BG 56 U SHOW 350 U @ 6220'.
			LITHOLOGY SAND/ SHALE.
			MUD LOGGER UNMANNED ON LOCATION SINCE 6/13/08 (7 DAYS).

			MUD LOGGE	R UNMANNED	ON LOCA	ATION SINCE 6	/13/08 (7	DAYS).			
06-21-20	008 Re	ported E	By D	.FOREMAN/J.S	CHLENKI	ER					
DailyCos	sts: Drilling	\$1	12,654	Completion		\$67,376		Daily	Total \$80,030		
Cum Cos	sts: Drilling	\$5	535,822	Con	npletion	\$74,921		Well	Well Total		
MD	6,300	TVD	6,300	Progress	55	Days	7	\mathbf{MW}	9.8	Visc	43.0
Formatio	on:		PBTD : 0	0.0		Perf:			PKR De	pth: 0.0	
Activity a	at Report Tii	me: RDR	T/WO COMPLI	ETION							
Start	End	Hrs	Activity Desc	cription	2						
06:00	08:30	2.5	DRILL ROTAT	E 6245' TO 630	0' TD 55'	ROP 22 WOB 1	5 RPM 7	70 TRQ 6520.	REACHED'	TD @ 08:30 H	RS, 6/20/08.
08:30	11:30					LANDING JOI VAIT ON SCHL				G W/ FULL S'	TRING WT
11:30	12:30		SAFETY MEE PSI OK.	TING W/ SCHL	UMBERG	ER & RIG CRE	w. Rig U	IP SCHLUME	BERGER EQU	JIP, TEST LIN	ES TO 4000
12:30	13:30		4 1/2 P-110 11 D046.2% ANT	.6# CSG, LEAD IFOAM, D013 .5	0 79.6 BBL 5% RATAR	VASH & 20 BBL .S, 150 SKS. G + LDER, D065 .5% C@ 11.5.PPG. T	ADDS; DISPER	D020 10%EX SANT, D130	TENDER, D .125LB/SK B	167 .2% FLUII LEND LOST (D LOSS, CIRC,

		THE CENTER OF COME TO DESCRIPTION OF COME OF C
		4 1/2 P-110 11.6# CSG, LEAD 79.6 BBLS, 150 SKS. G + ADDS; D020 10%EXTENDER, D167 .2% FLUID LOSS,
	•	D046.2% ANTIFOAM, D013 .5% RATARDER, D065 .5% DISPERSANT, D130 .125LB/SK BLEND LOST CIRC,
		YIELD 2.98 FT3/SK H20 18.227 GAL/SK@ 11.5.PPG. TAIL; 105.6 BBLS, 460 SKS 50/50 POZ G + ADDS; D020 2%
		EXTENDER, D046.1% ANTIFOAM, D167.2% FLUID LOSS, DO65.2% DISPERSANT, S0011% ACCELERATOR.
		YIELD 1.29 FT3/SK H20 5.94 GAL/SK @ 14.1 PPG. SHUTDOWN, WASH OUT PUMPS & LINES, DROP TOP PLUG
		& DISP. TO BOTTOM W/FRESH WATER.98 BBLS. AVG. DISP. RATE 4.88 BPM, FULL RETURNS THROUGH OUT
		JOB. DROP PLUG @ 13:05, BUMPED PLUG @ 13:25 TO 2000 PSI, 500 PSI OVER LIFT PSI, HOLD PRESSURE FOR
		2 MIN, .5 BBL. BACK, FLOAT HELD @ 13:27 CEMENT IN PLACE, R/D SCHLUMBERGER.
2 20	1420	1 A MIA CEMENT O DIC DOMNI INTO

13:30	14:30	1.0 W/O CEMENT & RIG DOWN LINES.
14:30	16:00	1.5 REMOVE LANDING JT. INSTALL PACKOFF SEAL ASSEMBLY, UNLOCK BOP DTO HEAD W/ FMC REP.L/D SERVICE TOOL.
16:00	20:00	4.0 CLEAN MUD TANKS & N/D BOP. RIG RELEASE COST \$ 535,422.

Property: 057251

20:00	06:00	10.0 R/I RIG	O & PREPAR G MAINT, AI	E FOR TRUCI DVISE DAVID	KS FOR 2.5 HACKFO	MILE RIG MO RD & JAIME SI	OVE, SCHE PARGER(@	EDULED FO	OR 07:00 W/ F 4502) OF BOP	IOWCROFT TR 'TEST.	UCKING,
06:00	06:00	24.0 RE	LEASE RIG	@ 20:00 HRS,	6/20/2008.						
				г COST \$535,8							
06-25-2008	Re	ported By	SE	ARLE		-3199					
DailyCosts:	Drilling	\$0		Cor	npletion	\$38,495		Dail	y Total	\$38,495	
Cum Costs:	Drilling	\$535.	,822	Cor	npletion	\$113,416		Well	Total	\$649,239	
MD	6,300	TVD	6,300	Progress	0	Days	8	MW	0.0	Visc	0.0
Formation :			PBTD : 0.	0		Perf:			PKR De	pth: 0.0	
Activity at I	Report Ti	me: PREP FO	OR FRACS								
Start 1	End	Hrs Ac	tivity Desc	ription							
06:00	06:00		RU SCHLUM SCHLUMB		OG WITH R	ST/CBL/CCL/	VDL/GR F	ROM PBTD	TO 470'. EST	CEMENT TO	? @ 720'.
06-28-2008	Re	eported By	JO	E VIGIL							
DailyCosts:	Drilling	\$0		Coi	mpletion	\$1,723		Dail	y Total	\$1,723	
Cum Costs:	Drilling	\$535	,822	Cor	mpletion	\$115,139		Well	l Total	\$650,962	
MD	6,300	TVD	6,300	Progress	0	Days	9	MW	0.0	Visc	0.0
Formation :			PBTD : 0	.0		Perf:			PKR De	pth: 0.0	
Activity at l	Report Ti	me: WO CO	MPLETION								
Start 1	End	Hrs Ac	tivity Desc	ription							
06:00	06:00	24.0 NU	J 10M FRAC	TREE, PRESS	SURE TEST	ED FRAC TRE	EE & CASI	NG TO 8500	PSIG. WO C	OMPLETION.	
07-02-2008	Re	eported By	JC	E VIGIL							
DailyCosts:	Drilling	\$0	•	Cor	mpletion	\$195,515		Dail	y Total	\$195,515	
Cum Costs:	Drilling	\$535	,822	Cor	mpletion	\$310,654		Wel	l Total	\$846,477	
MD	6,300	TVD	6,300	Progress	0	Days	10	MW	0.0	Visc	0.0
Formation :	WASATC	:H	PBTD : 0	.0		Perf : 4996'	' – 6070'		PKR De	pth: 0.0	
Activity at l	Report Ti	me: PREP T	O MIRUSU								
Start	End	Hrs A	ctivity Desc	ription							
06:00	06:00	59 SC GA 70	60'–61', 598 CHLUMBER AL 16# YF11 79 PSIG. MT	2'-83', 6002'- GER, FRAC D 6ST W/1# & 1. 'R 51 BPM. AT	-03', 6022'- OWN CASI .5# 20/40 S. TP 3912 PSI	·23', 6052'–53' .NG WITH 165 AND, 42156 GA G. ATR 47 BPN	, 6059'-60 GAL GYP AL 16#YFI 11. ISIP 190	', 6067'–70' TRON T–16 116ST+ W/1 0 PSIG. RD	@ 3 SPF @ 1 06, 4160 GAL 48000# 20/40 SCHLUMBE		RDWL. RU AD, 10518 PPG. MTP
		56 SC 20	91'-92', 570 CHLUMBER /40 SAND, 3	9'–10', 5714'– GER, FRAC D 5731 GAL YF	-15', 5729'- OWN CASI 116ST+ W/	-30', 5748'–49' ING W/2077 GA	, 5777'-78 AL 16#YF SAND @ 1	', 5794'–95' I 16ST PAD,	' @ 3 SPF @ 1 . 4230 GAL 16	5647'–48', 5681 20° PHASING. 5# YF116ST W/ . MTR 53 BPM.	RDWL. RU 1# & 1.5#
		54 SC 20	98'–99', 550 CHLUMBER 1/40 SAND, 3	2'–04', 5515'- GER, FRAC D 4998 GAL YF	-16', 5530'- OWN CAS: 116ST+ W/	-31', 5545'–46' ING W/2066 G	', 5565'-66 AL 16#YF SAND @ 1	' @ 3 SPF @ 116ST PAD,	🤋 120° PHASI , 5293 GAL 16	5464'–65', 5477 NG. RDWL. RU 6# YF116ST W/ . MTR 51.5 BPN	J 1# & 1.5#

RUWL. SET 6K CFP AT 5350'. PERFORATE CA FROM 5204'-06', 5210'-12', 5220'-21', 5238'-39', 5248'-49', 5272'-73', 5282'-83', 5295'-96', 5310'-11', 5315'-16' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING W/2071 GAL 16# YF116ST PAD, 4214 GAL 16# YF116ST W/1# & 1.5# 20/40 SAND, 35602 GAL YF116ST+ W/115400# 20/40 SAND @ 1-4 PPG. MTP 6119 PSIG. MTR 53 BPM. ATP 3357 PSIG. ATR 48.5 BPM. ISIP 1350 PSIG. RD SCHLUMBERGER.

RUWL. SET 6K CFP AT 5185'. PERFORATE CA FROM 4996'-97', 5004'-05', 5045'-46', 5052'-53', 5081'-82', 5086'-88', 5147'-48', 5152'-53', 5156'-58', 5169'-70' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING W/2074 GAL 16# YF116ST PAD, 4226 GAL 16# YF116ST W/1# & 1.5# 20/40 SAND, 26166 GAL YF116ST+ W/77000# 20/40 SAND @ 1-4 PPG. MTP 7817 PSIG. MTR 53 BPM. ATP 3721 PSIG. ATR 48 BPM. ISIP 1712 PSIG. RD SCHLUMBERGER.

RUWL SET 6K CRP AT 4836' RD WIRELINE SDEN

		R	UWL. SET 6	K CBP AT 483	36'. RD WIR	ELINE. SDFN.					
07-10-2008	R	Reported By	В	AUSCH							
DailyCosts: I	Drilling	\$0		C	ompletion	\$17,548		Dail	y Total	\$17,548	
Cum Costs: 1	Drilling	\$53	5,822	C	ompletion	\$328,202		Well	Total	\$864,025	
MD	6,300	TVD	6,300	Progress	0	Days	11	MW	0.0	Visc	0.0
Formation :	WASAT	СН	PBTD:	0.0		Perf : 4996'-	-6070'		PKR De	pth: 0.0	
Activity at R	eport T	ime: MIRUS	U. C/O AFTI	ER FRAC.							
Start E	nd	Hrs A	ctivity Desc	cription							
07:00	15:00					LVES. NU BOP BG. TAGGED PI					TBG. XN
07-11-2008	R	Reported By	В	AUSCH							
DailyCosts: I	Drilling	\$0		C	ompletion	\$8,025		Daily	y Total	\$8,025	
Cum Costs: I	Drilling	\$535	5,822	C	ompletion	\$336,227		Well	Total	\$872,050	
MD	6,300	TVD	6,300	Progress	0	Days	12	MW	0.0	Visc	0.0
Formation : '	WASATO	СН	PBTD:	5140.0		Perf : 4996'-	-6070'		PKR De	pth : 0.0	
Activity at Ro	eport T	ime: FLOW	TEST								
Start E	nd	Hrs A	ctivity Desc	cription							
07:00	06:00	& C	PUMP OFF	SUB. CLEAN	IED OUT & I	ULD NOT HOL ORILLED OUT I NDED TBG AT	PLUGS @	4836', 5185	5', 5350', 558	2' & 5815'. RIH	
		FI	OWED 12 H	IRS. 32/64" C	HOKE. FTP	850 PSIG. CP 11	00 PSIG.	89 BFPH. R	ECOVERED	1070 BLW. 448	BLWTR.
		Ţ	JBING DET	AIL: LENG	TH:						
		PI	JMP OFF SU	JB 1.00'							
		1 .	JT 2-3/8" 4.7	# N-80 TBG	31.82'						
		X	N NIPPLE	1.30'							
				' 4.7# N–80 T		1'					
				PPLE & COU	PLING .60'						
			ELOW KB	13.00'							
		L,	ANDED @	4946.13' KB							

07-12-2008

Reported By

BAUSCH

DailyCosts: Drilling	\$0		Completion	\$2,425		Daily	Total	\$2,425	
Cum Costs: Drilling	\$535,	822	Completion	\$338,652		Well	Total	\$874,475	
MD 6,300	TVD	6,300 J	Progress 0	Days	13	MW	0.0	Visc	0.0
Formation : WASATO	CH	PBTD : 6140	0.0	Perf : 4996'-	6070'		PKR Dep	oth: 0.0	
Activity at Report Ti	me: FLOW T	EST							
Start End		tivity Descrip							
06:00 06:00	24.0 FL0	OWED 24 HRS	3. 32/64" CHOKE. FTP	850 PSIG. CP 15	50 PSIG.	56 BFPH. RI	ECOVERED 1	360 BLW. 3121	BLWTR
07-13-2008 R	eported By	BAU	SCH						
DailyCosts: Drilling	\$0		Completion	\$2,425		Daily	Total	\$2,425	
Cum Costs: Drilling	\$535,	822	Completion	\$341,077		Well	Total	\$876,900	
MD 6,300	TVD	6,300	Progress 0	Days	14	MW	0.0	Visc	0.0
Formation : WASATO	CH	PBTD : 614	0.0	Perf : 4996'-	6070'		PKR Der	oth: 0.0	
Activity at Report Ti	ime: FLOW T	EST							
Start End	Hrs Ac	tivity Descri _l	ption						
06:00 06:00	24.0 FL	OWED 24 HRS	S. 32/64" CHOKE. FTP	1000 PSIG. CP 1	500 PSIG	. 33 BFPH. F	RECOVERED	800 BLW. 2321	BLWTF
07-14-2008 R	eported By	BAU	ISCH						
DailyCosts: Drilling	\$0		Completion	\$2,425		Daily	Total	\$2,425	
Cum Costs: Drilling		.822	Completion	\$343,502		Well	Total	\$879,325	
MD 6,300	TVD	6,300	Progress 0	Days	15	MW	0.0	Visc	0.0
Formation : WASATO	СН	PBTD : 614	0.0	Perf: 4996'-	-6070'		PKR Dep	oth: 0.0	
COLINATION : WASAIC				1011	0070		-		
	ime: WO FAC	CILITIES		20121 7770	0070		_		
Activity at Report T				1000	0070				
Activity at Report T Start End	Hrs Ac	tivity Descri	ption			20 BFPH. RJ	ECOVERED 4		BLWTR.
Activity at Report T	Hrs Ac	tivity Descri	ption S. 32/64" CHOKE. FTP			20 BFPH. R)	ECOVERED 4		BLWTR.
Activity at Report T Start End	Hrs Ac 24.0 FL WG	ctivity Descri OWED 24 HRS O FACILITIES	ption S. 32/64" CHOKE. FTP			20 BFPH. RI	ECOVERED 4		BLWTR.
Activity at Report To Start End 06:00 06:00	Hrs Ac 24.0 FL WG	ctivity Descrip OWED 24 HRS D FACILITIES NAL COMPLE	ption 5. 32/64" CHOKE. FTP			20 BFPH. RI	ECOVERED 4		BLWTR.
Activity at Report To Start End 06:00 06:00	Hrs Ac 24.0 FL WG	ctivity Descrip OWED 24 HRS D FACILITIES NAL COMPLE	ption S. 32/64" CHOKE. FTP					185 BLW. 1836	BLWTR
Activity at Report To Start End 06:00 06:00 08-19-2008 R	Hrs Ac 24.0 FL WC FIN	ctivity Descrip OWED 24 HRS D FACILITIES NAL COMPLE	ption 5. 32/64" CHOKE. FTP TION DATE: 7/13/08 ANE COOK Completion	900 PSIG. CP 15		Dail	y Total	\$0	BLWTR.
Activity at Report To Start End 06:00 06:00 08-19-2008 R Daily Costs: Drilling	Hrs Ac 24.0 FL WG FIN Reported By \$0	OWED 24 HRSD FACILITIES NAL COMPLE DUA	ption 5. 32/64" CHOKE. FTP TION DATE: 7/13/08 ANE COOK	900 PSIG. CP 15		Dail		185 BLW. 1836	
Activity at Report To Start End 06:00 06:00 08-19-2008 R Daily Costs: Drilling Cum Costs: Drilling	Hrs Ac 24.0 FL WC FIN Reported By \$0 \$535.	OWED 24 HRSD FACILITIES. NAL COMPLE DUA 822	ption 5. 32/64" CHOKE. FTP TION DATE: 7/13/08 ANE COOK Completion Completion	900 PSIG. CP 15 \$0 \$343,502		Dail	y Total	\$0	BLWTR.
Activity at Report To Start End 06:00 06:00 08-19-2008 R Daily Costs: Drilling Cum Costs: Drilling MD 6,300	Hrs Ac 24.0 FL WC FIN Reported By \$0 \$535. TVD	OWED 24 HRSD FACILITIES. NAL COMPLE DUA 822	ption 5. 32/64" CHOKE. FTP TION DATE: 7/13/08 ANE COOK Completion Completion Progress 0	900 PSIG. CP 15 \$0 \$343,502	600 PSIG.	Dail <u>y</u> Well	y Total Total	\$0 \$879,325 Visc	
Activity at Report To Start End 06:00 06:00 08-19-2008 R DailyCosts: Drilling Cum Costs: Drilling MD 6,300 Formation: WASATO	Hrs Ac 24.0 FL WC FIN Reported By \$0 \$535. TVD	OWED 24 HRSD FACILITIES. NAL COMPLE DUA 822 6,300 PBTD: 614	ption 5. 32/64" CHOKE. FTP TION DATE: 7/13/08 ANE COOK Completion Completion Progress 0	900 PSIG. CP 15 \$0 \$343,502 Days	600 PSIG.	Dail <u>y</u> Well	y Total Total 0.0	\$0 \$879,325 Visc	
Activity at Report To Start End 06:00 06:00 06:00 08-19-2008 R Daily Costs: Drilling Cum Costs: Drilling MD 6,300 Formation: WASATO Activity at Report T	Hrs Ac 24.0 FL WC FIN Seported By \$0 \$535. TVD CH ime: INITIAL	OWED 24 HRSD FACILITIES. NAL COMPLE DUA 822 6,300 PBTD: 614	ption 5. 32/64" CHOKE. FTP TION DATE: 7/13/08 ANE COOK Completion Completion Progress 0 00.0	900 PSIG. CP 15 \$0 \$343,502 Days	600 PSIG.	Dail <u>y</u> Well	y Total Total 0.0	\$0 \$879,325 Visc	
Activity at Report To Start End 06:00 06:00 08-19-2008 R DailyCosts: Drilling Cum Costs: Drilling MD 6,300 Formation: WASATO Activity at Report T	Hrs Ac 24.0 FL WC FIN Reported By \$0 \$535. TVD CH ime: INITIAL Hrs Ac 24.0 IN	OWED 24 HRS D FACILITIES NAL COMPLE DUA .822 6,300 PBTD: 614 PRODUCTIC ctivity Descri	ption 5. 32/64" CHOKE. FTP TION DATE: 7/13/08 ANE COOK Completion Completion Progress 0 00.0 0N ption	\$0 \$343,502 Days Perf: 4996'-	16 -6070'	Daily Well MW & CP 1950 P.	y Total Total 0.0 PKR De	\$0 \$879,325 Visc pth: 0.0	0.0 TO
Activity at Report To Start End 06:00 06:00 06:00 08-19-2008 R Daily Costs: Drilling Cum Costs: Drilling MD 6,300 Formation: WASATO Activity at Report To Start End	Hrs Ac 24.0 FL WC FIN Exported By \$0 \$535. TVD CH ime: INITIAL Hrs Ac 24.0 IN QU	OWED 24 HRS D FACILITIES NAL COMPLE DUA .822 6,300 PBTD: 614 PRODUCTIC ctivity Descri	ption 5. 32/64" CHOKE. FTP TION DATE: 7/13/08 ANE COOK Completion Completion Progress 0 0.0 0 N ption	\$0 \$343,502 Days Perf: 4996'-	16 -6070'	Daily Well MW & CP 1950 P.	y Total Total 0.0 PKR De	\$0 \$879,325 Visc pth: 0.0	0.0 TO
Activity at Report T. Start End 06:00 06:00 08-19-2008 R Daily Costs: Drilling Cum Costs: Drilling MD 6,300 Formation: WASATO Activity at Report T Start End 06:00 06:00	Hrs Ac 24.0 FL WC FIN Reported By \$0 \$535. TVD CH ime: INITIAL Hrs Ac 24.0 IN QU MI	OWED 24 HRS D FACILITIES NAL COMPLE DUA .822 6,300 PBTD: 614 PRODUCTIC ctivity Descri ITIAL PRODU JESTAR SALE ETER #7837.	ption 5. 32/64" CHOKE. FTP TION DATE: 7/13/08 ANE COOK Completion Completion Progress 0 00.0 0N ption	\$0 \$343,502 Days Perf: 4996'-	16 -6070'	Daily Well MW & CP 1950 P.	y Total Total 0.0 PKR De	\$0 \$879,325 Visc pth: 0.0	0.0 TO
Activity at Report To Start End 06:00 06:00 D8-19-2008 R Daily Costs: Drilling Cum Costs: Drilling MD 6,300 Formation: WASATO Activity at Report To Start End 06:00 06:00 D8-20-2008 R	Hrs Ac 24.0 FL WC FIN Reported By \$0 \$535. TVD CH ime: INITIAL Hrs Ac 24.0 IN QU MI	OWED 24 HRS D FACILITIES NAL COMPLE DUA .822 6,300 PBTD: 614 PRODUCTIC ctivity Descri ITIAL PRODU JESTAR SALE ETER #7837.	ption 5. 32/64" CHOKE. FTP TION DATE: 7/13/08 ANE COOK Completion Completion Progress 0 10.0 0 10 10 10 10 10 10 10 10 10 10 10 10	\$0 \$343,502 Days Perf : 4996'-	16 -6070'	Daily Well MW & CP 1950 P RATE ON 14	y Total Total 0.0 PKR De SIG. TURNE	\$0 \$879,325 Visc pth: 0.0	0.0 TO
Activity at Report To Start End 06:00 06:00 Daily Costs: Drilling Cum Costs: Drilling MD 6,300 Formation: WASATO Activity at Report To Start End 06:00 06:00 Daily Costs: Drilling MD 06:00 Daily Costs: Drilling	Hrs Ac 24.0 FL WC FIN Reported By \$0 \$535. TVD CH ime: INITIAL Hrs Ac 24.0 IN QU MI Reported By \$0	OWED 24 HRS D FACILITIES NAL COMPLE DUA .822 6,300 PBTD: 614 PRODUCTION ctivity Descri ITIAL PRODU JESTAR SALE ETER #7837. ROO	ption 5. 32/64" CHOKE. FTP TION DATE: 7/13/08 ANE COOK Completion Completion Progress 0 00 N ption ICTION- OPENING PI SS AT 9:30 HRS, 8/18/0 GER DART Completion	\$0 \$343,502 Days Perf : 4996'- RESSURE: TP 18 8. FLOWED 1786	16 -6070'	Daily Well MW & CP 1950 P. RATE ON 14	y Total Total 0.0 PKR De	\$0 \$879,325 Visc pth: 0.0	0.0 TO
Activity at Report To Start End 06:00 06:00 08-19-2008 R DailyCosts: Drilling MD 6,300 Formation: WASATO Activity at Report To Start End 06:00 06:00 08-20-2008 R DailyCosts: Drilling Cum Costs: Drilling	Hrs Ac 24.0 FL WC FIN Reported By \$0 \$535. TVD CH ime: INITIAL Hrs Ac 24.0 IN QU MI Reported By \$0 \$535	OWED 24 HRS D FACILITIES NAL COMPLE DUA .822 6,300 PBTD: 614 PRODUCTION ctivity Descri ITIAL PRODU JESTAR SALE ETER #7837. ROC .822	ption 5. 32/64" CHOKE. FTP TION DATE: 7/13/08 ANE COOK Completion Completion Progress 0 10.0 DN ption ICTION— OPENING PI S AT 9:30 HRS, 8/18/0 GER DART Completion Completion	\$0 \$343,502 Days Perf : 4996'- RESSURE: TP 18 8. FLOWED 1786 \$0 \$343,502	16 -6070' 50 PSIG 6 MCFD I	Daily Well MW & CP 1950 P. RATE ON 14 Daily Well	y Total Total 0.0 PKR Dep SIG. TURNEI /64" CHOKE.	\$0 \$879,325 Visc pth: 0.0	0.0 TO
Activity at Report To Start End 06:00 06:00 06:00 Part Policy at Report To Start End 06:00 06:00 Part End 06:00 06:00 Part End 06:00 06:00 Part End 06:00 Pa	Hrs Ac 24.0 FL WC FIN Exported By \$0 \$535. TVD CH ime: INITIAL Hrs Ac 24.0 IN QU MI Reported By \$0 \$535 TVD	OWED 24 HRS D FACILITIES NAL COMPLE DUA .822 6,300 PBTD: 614 . PRODUCTIO ctivity Descri ITIAL PRODU JESTAR SALE ETER #7837. ROC .822	ption 5. 32/64" CHOKE. FTP TION DATE: 7/13/08 ANE COOK Completion Completion Progress 0 00 N ption ICTION - OPENING PI SS AT 9:30 HRS, 8/18/0 GER DART Completion Completion Completion Progress 0	\$0 \$343,502 Days Perf : 4996'- RESSURE: TP 18 8. FLOWED 1786	16 -6070' 50 PSIG 6 6 MCFD 1	Daily Well MW & CP 1950 P. RATE ON 14	y Total Total 0.0 PKR Depl Sig. TURNER 7/64" CHOKE.	\$0 \$879,325 Visc pth: 0.0	0.0 TO QGM

Start	End	Hrs A	ctivity Desc	ription							
06:00	06:00	24.0 FI	LOWED 1245	MCF, 10 BC &	: 145 BW I	N 24 HRS ON 14	1/64" CH	OKE, TP 1550	PSIG, CP 1	850 PSIG.	
08-21-20	008 R	eported By	R	OGER DART							
DailyCos	ts: Drilling	\$0		Con	npletion	\$0		Daily	Total	\$0	
Cum Cos	ts: Drilling	\$535	5,822	Con	npletion	\$343,502		Well T	Total	\$879,325	
MD	6,300	TVD	6,300	Progress	0	Days	18	MW	0.0	Visc	0.0
Formatio	n: WASATC	CH	PBTD : 6	140.0		Perf : 4996'-	6070'		PKR De	pth: 0.0	
Activity a	at Report Ti	ime: ON SA	LES								
Start	End	Hrs A	ctivity Desc	ription							
06:00	06:00	24.0 F	LOWED 1398	MCF, 15 BC &	: 133 BW I	N 24 HRS ON 14	1/64" CH	OKE, TP 1525	PSIG, CP 1	800 PSIG.	

orm 3160-4 (Angust 2007)

UNITED STATES

FORM APPROVED

(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			BUREA	U OF LA											y 31, 2010
	WELL (COMPL	ETION C	R RE	COMF	LETI	ON RE	PORT	ANP	L ∌ G			ease Serial N JTU37943	No.	
1a. Type o	f Well f Completion	Oil Well	☑ Gas ' lew Well	Well	Dry	_	Other eepen	☐ Plu	Pock	☐ Diff.	Dacur	6. If	Indian, Allo	ottee o	r Tribe Name
o. Type o	Completion	Othe			OVEI		—	L Flag	g Dack	U Dill.	Resvi.		nit or CA A		ent Name and No. S UNI
2. Name of EOG R	Operator ESOURCES	S, INC.	E	-Mail: m				MAEST ources.c					ease Name a		ell No. S UNIT 690-34
3. Address	600 17TH DENVER,			00N				Phone No 303-82		le area cod	e)	9. A	PI Well No.		43-047-37459
	of Well (Re	-	•				-)*		•				Exploratory ES/WASATCH
At top r	ce SWSE		2065FEL 3		·				00 3100	a W L on		11. S	Sec., T., R., I r Area Sec	M., or 34 T	Block and Survey 9S R23E Mer SLB
At total		•	SL 2065FE						03.5103	33 VV LOIT			County or Pa	rish	13. State UT
14. Date Sp 05/31/2	oudded		15. Da	ate T.D. I /20/2008	Reached			16. Date	Complet A X 8/2008	ted Ready to	Prod.	17. E	Elevations (I 533	OF, KI 7 GL	B, RT, GL)*
18. Total D	epth:	MD TVD	6300		19. Plu	g Back 7	Г.D.:	MD TVD	6	140	20. De	pth Bri	dge Plug Se		MD TVD
21. Type E RST/C	lectric & Oth BL/CCL/VDI	er Mechai JGR	nical Logs R Temp	un (Subn	nit copy	of each)				Was	well core DST run? ctional Su	?	⊠ No [Yes	s (Submit analysis) s (Submit analysis) s (Submit analysis)
23. Casing a	nd Liner Reco	ord (<i>Repo</i>	rt all strings		<u> </u>		la.	<u> </u>	l .,	C C1 0	Laı	X7.1			
Hole Size	Size/G	rade	Wt. (#/ft.)	Top (MD		Bottom (MD)	_	Cementer epth		of Sks. & of Cement	Slurry (BE		Cement T	`op*	Amount Pulled
12.250		325 J-55	36.0		0	2132				100					
6.750	4.50	0 P-110	11.6		<u> </u>	6294	4			61	0				
							 								
24. Tubing	Doord				ļ										_
	Depth Set (M	(D) P	acker Depth	(MD)	Size	Den	th Set (N	(D) E	acker De	pth (MD)	Size	De	pth Set (MI) T	Packer Depth (MD)
2.375		4946													
25. Produci	ng Intervals							tion Reco		<u> 196</u>			1		-
	ormation WASA	TCU	Тор	4996	Botton	070	P	erforated		ГО 6070	Size	- ·	No. Holes		Perf. Status
<u>A)</u> B)	VVASA	ПОП		4990		370				TO 5795			3		
C)								***		TO 5566			3		
D)									5204	TO 5316			3		
	racture, Treat		nent Squeeze	e, Etc.						1.00					
	Depth Interva		070 56,999	GALS GE	LIEDW	ATER &	148 000			d Type of	Material				
			795 42,038												
			566 42,357												
			316 41,887	GALS GE	LLED W	ATER &	115,400	# 20/40 S	AND						
	ion - Interval		T	Lou	lo		337-4	Oil C		Icas		Droduat	ion Method		
Date First Produced 08/18/2008	Test Date 08/25/2008	Hours Tested 24	Test Production	Oil BBL 10.0	Gas MCF	283.0	Water BBL 94.0	Oil Gi Corr.		Gas Grav	ity	Product		IS FRO	OM WELL
Choke Size	Tbg. Press. Flwg. 1400	Csg.	24 Hr. Rate	Oil BBL	Gas MCF		Water BBL	Gas:C Ratio	il	Well	Status				
14/64"	SI 1400	1650.0		10		283	94				PGW				
	tion - Interva											1=			
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF		Water BBL	Oil G Corr.		Gas Grav	ity	Product	ion Method		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF		Water BBL	Gas:C Ratio	oil .	Well	Status				

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #63117 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** 2 9 2003

Date First Produced Date Hours Test Production Date Frested Production Date First Produced Date Tested Production Date Production Date Date Date Date Date Date Date Date	28b. Proc	luction - Interv	al C										
Chair Pay Press Pr	Date First	Test	Hours								Production Method		
Size Price Price Date	Produced	Date	Tested	Production	BBL	MCF	BBL	Corr. API	Gravi	ty			
Due Fire Fired	Choke Size	Flwg.							Well	Status		<u> </u>	
December	28c. Prod	luction - Interv	al D	1,	I	<u> </u>	<u> </u>		,				
Size	Date First Produced									ty	Production Method	*****	
SolD 30. Summary of Provise Zones (Include Aquifers): Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries. Formation Top Bottom Descriptions, Contents, etc. Name Top Mess. Depth MASATCH 4996 6070 WASATCH 4996 6070 GREEN INVER MANDOANY UTELAND BUTTE WASATCH 4196 CHAPITA WELLS 4754 BUCK CANAYON PRICE RIVER FORMATION FRICE RIVER 6098 32. Additional remarks (include plugging procedure): Please see the attached sheet for detailed perforation and additional formation marker information. 33. Circle enclosed attachments: 1. Electrical/Mechanical Logs (I full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other: 34. Thereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions): Electronic Submission #63117 Verified by the BLM Well Information System. For EOG RESOURCES, INC., sent to the Vernal Name(please print) MARY A. MAESTAS Title REGULATORY ASSISTANT Date 09/16/2008	Choke Size	Flwg.							Well:	Status			
30. Summary of Porous Zones (Include Aquifers): Show all important gones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, custion used, time tool open, flowing and shur-in pressures and recoveries. Formation Top Bottom Descriptions, Contents, etc. Name Top Mess. Depth			Sold, used f	for fuel, vent	ed, etc.)		1		_				
Show all important zones of porosity and contents thereof. Cored intervals and all drill-sterm tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries. Formation Top Bontom Descriptions, Contents, etc. Name Top. Mess. Depth Mess. Dep			Zones (Inc	lude Aquife	rs):					31. Fo	rmation (Log) Mar	kers	
Solution Top Bottom Descriptions, Contents, etc. Name Meas. Dept Mach Contents	Show tests,	all important a including depti	ones of po	rosity and co	ontents there	eof: Cored in tool open,	ntervals and all flowing and sh	l drill-stem nut-in pressu	res				
32. Additional remarks (include plugging procedure): Please see the attached sheet for detailed perforation and additional formation marker information. 33. Circle enclosed attachments: 1. Electrical/Mechanical Logs (1 full set req'd.) 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other: 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions): Electronic Submission #63117 Verified by the BLM Well Information System. For EOG RESOURCES, INC., sent to the Vernal Name (please print) MARY A. MAESTAS Title REGULATORY ASSISTANT Date 09/16/2008		Formation		Тор	Bottom		Descriptions	, Contents, e	tc.		Name		Top Meas. Depth
1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other: 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions): Electronic Submission #63117 Verified by the BLM Well Information System. For EOG RESOURCES, INC., sent to the Vernal Name (please print) MARY A. MAESTAS Title REGULATORY ASSISTANT Date 09/16/2008	32. Addit Pleas	ional remarks (se see the att	(include plu	nsaina nroce	dure):	tion and ac	dditional forma	ation marke	er	M/ UT W/ CH BL	AHOGANY ELAND BUTTE ASATCH HAPITA WELLS JCK CANYON		2006 4087 4196 4754 5419
Signature Macha Date 09/16/2008	1. Ele 5. Su	ectrical/Mecha ndry Notice fo	nical Logs r plugging	and cement	verification hed informa	tion is com	6. Core Analy plete and corre	ct as determi	7 ined from all Well Inform	Other: available	e records (see attac		
	Name	(please print)	MARY A.	MAESTAS				Title	REGULAT	ORY AS	SISTANT		
	Signa	ture	AGAN	a Subbalssi		ufa		Date	09/16/2008	1	<u></u>		
	motiva dia ci	1000	1001	/	a a	212	*				. to mol t '		annav.

Chapita Wells Unit 690-34 - ADDITIONAL REMARKS (CONTINUED):

26. PERFORATION RECORD

4996-5170	3/spf

27. ACID, FRACTURE TREATMENT, CEMENT SQUEEZE, ETC.

ſ	4996-5170	32	466 GALS GELLED WATE	R & 77.0	000# 20/40 SAND	_

Perforated the North Horn from 5856-57', 5860-61', 5885-86', 5932-33', 5952-53', 5960-61', 5982-83', 6002-03', 6022-23', 6052-53', 6059-60', 6067-70' w/ 3 spf.

Perforated the Ba from 5619-20', 5626-27', 5640-41', 5647-48', 5681-82', 5691-92', 5709-10', 5714-15', 5729-30', 5748-49', 5777-78', 5794-95' w/ 3 spf.

Perforated the Ba from 5387-88', 5419-20', 5436-37', 5464-65', 5477-78', 5498-99', 5502-04', 5515-16', 5530-31', 5545-46', 5565-66' w/ 3 spf.

Perforated the Ca from 5204-06', 5210-12', 5220-21', 5238-39', 5248-49', 5272-73', 5282-83', 5295-96', 5310-11', 5315-16' w/ 3 spf.

Perforated the Ca from 4996-97', 5004-05', 5045-46', 5052-53', 5081-82', 5086-88', 5147-48', 5152-53', 5156-58', 5169-70' w/ 3 spf.

RECEIVED
SEP 2 9 2008

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

REPORT	OF WATER	ENCOUNTERED	DURING	DRILLING
	OI TIAILI			DIXILLIIIG

	01411	1.000.04	-		JANUA DALLENO	
	d number: <u>CW</u>	5 690-34				
API number: _						
Well Location:	QQ SWSE Sec	tion <u>34</u> 7	ownship <u>9S</u> Range <u>2</u>	3E Cou	nty UINTAH	
Well operator:	EOG					
Address:	1060 E HWY	40				
	city VERNAL		state UT zip 84078	Ph	one: <u>(435)</u> 781-9111	
Orilling contrac	ctor: CRAIGS F	ROUSTABOU	T SERVICE			
Address:	PO BOX 41					
	city JENSEN		state UT zip 84035	Ph	one: (435) 781-1366	
Water encoun	tered (attach ad					
rvater encoun						
	DEP FROM	ТН то	VOLUME (FLOW RATE OR HE	AD)	QUALIT (FRESH OR SA	
	1,590	1,610	NO FLOW	, , , , , , , , , , , , , , , , , , ,	NOT KNO	
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	.,				
Formation top			2		3	
(Top to Bottom	n) 4		5	· •••••	6	
	7		8		9	
	10		11		12	
f an analysis I	has been made	of the water	encountered, please attac	h a copy c	of the report to this for	m.
	_		te to the best of my knowledge			
NAME (PLEASE PRI	Mary A. Mae	estas			ulatory Assistant	
SIGNATURE	Mary a	Mai	Ja	DATE 9/16	6/2008	RECEIVED
5/2000)			U		· •	SEP 2 9 2003

DIV. OF OIL, GAS & MINING

Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

5. Lease Serial No. UTU37943

Do not use thi abandoned we	is form for proposals to II. Use form 3160-3 (API	drill or to re-enter an D) for such proposals.	6. If Indi	an, Allottee or	Tribe Name		
SUBMIT IN TRI	PLICATE - Other instruc	tions on reverse side.	7. If Unit CHAI	or CA/Agree	ment, Name and/or No. S		
Type of Well	ner			ame and No. ITA WELLS	UNIT 690-34		
2. Name of Operator EOG RESOURCES, INC.	Contact:	MARY A. MAESTAS stas@eogresources.com	9. API W 43-04	ell No. 7-37459			
3a. Address 600 17TH STREET SUITE 10 DENVER, CO 80202	00N	3b. Phone No. (include area co Ph: 303-824-5526		and Pool, or I JRAL BUT	Exploratory FES		
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description,)	11. Coun	11. County or Parish, and State			
Sec 34 T9S R23E SWSE 696 39.98711 N Lat, 109.31099 W			UINT	AH COUNT	ry, ut		
12. CHECK APPI	ROPRIATE BOX(ES) TO	INDICATE NATURE O	F NOTICE, REPORT, (OR OTHER	R DATA		
TYPE OF SUBMISSION		ТҮРЕ	OF ACTION				
☐ Notice of Intent	☐ Acidize	Deepen	☐ Production (Start/	Resume)	■ Water Shut-Off		
1 Nonce of Milent	☐ Alter Casing	☐ Fracture Treat	Reclamation		■ Well Integrity		
Subsequent Report	□ Casing Repair	■ New Construction	□ Recomplete		☐ Other		
☐ Final Abandonment Notice	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Aban	don			
	☐ Convert to Injection	☐ Plug Back	■ Water Disposal	Disposal proposed work and approximate duration there			
following completion of the involved testing has been completed. Final Abdetermined that the site is ready for final All material, debris, trash, and reclaimed. Stockpiled topsoil prescribed seed mixture. The completed on 12/1/2008.	pandonment Notices shall be file inal inspection.) junk was removed from t was spread over the pit a seeded area was then w	ed only after all requirements, inc the location. The reserve p rea and broadcast seeded	luding reclamation, have beer it was with the				
14. I hereby certify that the foregoing is	Electronic Submission #	66855 verified by the BLM W ESOURCES, INC., sent to the					
Name (Printed/Typed) MARY A.	MAESTAS	Title REG	JLATORY ASSISTANT				
Signature MON Electron AS	Submission ana	Date 02/02	2/2009				
	THIS SPACE FO	R FEDERAL OR STAT	E OFFICE USE				
Approved By					Date		
Conditions of approval, if any, are attached certify that the applicant holds legal or equivalent would entitle the applicant to conduction	nitable title to those rights in the						
Title 19 II C C Section 1001 and Title 42	II C C Section 1212 males it a	arima for any nargan knavingly a	nd willfully to make to any d	anartment or s	genery of the United		

Ittle 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **



United States Department of the Interior

BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155 http://www.blm.gov/ut/st/en.html



IN REPLY REFER TO 3180 UT-922

July 7, 2009

Debbie Spears EOG Resources, Inc. 600 17th Street, Suite 1000N Denver, Colorado 80202

Re:

Initial Wasatch Formation PA "K"

Chapita Wells Unit Uintah County, Utah

entity 16892

Dear Ms. Spears:

The Initial Wasatch Formation Participating Area "K", Chapita Wells Unit, CRS No. UTU63013BL, AFS No. 892000905BL, is hereby approved effective as of August 18, 2008, pursuant to Section 11 of the Chapita Wells Unit Agreement, Uintah County, Utah.

The Initial Wasatch Formation Participating Area "K" results in an Initial Participating Area of 80.00 acres and is based upon the completion of Well No. 690-34, API No. 43-047-37459, located in the SW¼SE¼ of Section 34, Township 9 South, Range 23 East, SLM&B, Federal Unit Tract No. 28, Lease No. UTU37943 as a well capable of producing unitized substances in paying quantities.

Copies of the approved request are being distributed to the appropriate agencies and one copy is returned herewith. Please advise all interested parties of the approval of the Initial Wasatch Formation Participating Area "K", Chapita Wells Unit, and the effective date.

Sincerely,

/s/ Becky J. Hammond

RECEIVED
JUL 1 3 2009

Becky J. Hammond Chief, Branch of Fluid Minerals

Enclosure

DIV. OF OIL, GAS & MINING